C
M97H
1911/12

OF THE
UNIVERSITY OF ILLINOIS

Muskingum College

New Concord, Ohio

Seventy-Fifth Anniversary Number

Catalog Edition

1912

MUSKINGUM COLLEGE BULLETIN

Series 8 JUNE, 1912 No. 3

Entered as Second Class Matter, April 13, 1905, at New Concord, Ohio, Under Act of Congress, July 16, 1894.

C
m 97h

The Seventy-Fifth Annual Catalog

of

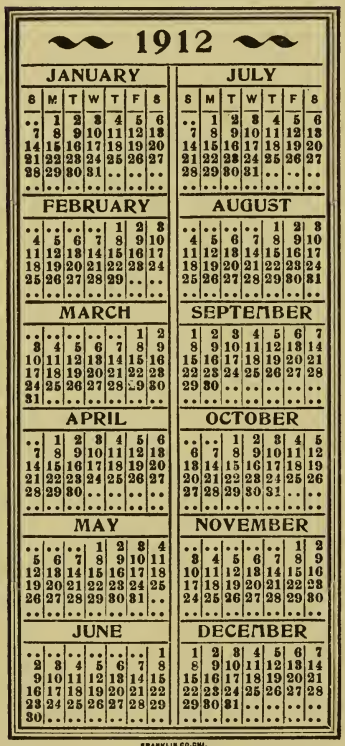
Muskingum College

For the Year

1911-1912

Bulletin No. VIII. Vol. III.
Issued Bi-Monthly by the College, New Concord, Ohio,
June, 1912

General Calendar for the Year 1912-1913



1912

JANUARY

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

FEBRUARY

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	..	..
..	..	..	..	..	..	..

MARCH

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

APRIL

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..

MAY

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

JUNE

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

JULY

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

AUGUST

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..

OCTOBER

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

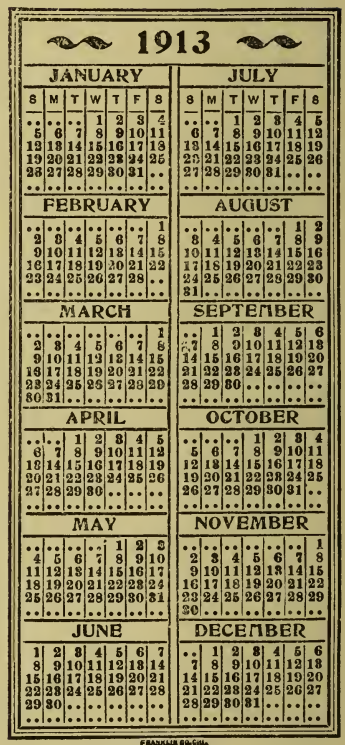
NOVEMBER

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
..	..	..	..	..	..	..

DECEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

FRANKLIN CO. CHIO.



1913

JANUARY

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

FEBRUARY

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	..
..	..	..	..	..	..	..

MARCH

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

APRIL

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..	..	..	..	..	..	..

MAY

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..

JUNE

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..

JULY

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

AUGUST

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

SEPTEMBER

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..

OCTOBER

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

NOVEMBER

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

DECEMBER

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

FRANKLIN CO. CHIO.

CALENDAR

For the College Year 1911-1912

1911.

June 19, Monday, 2:30 P. M. ..... Summer Term Opened
August 11, Friday, noon ..... Summer Term Closed
September 19, Tuesday, 2:30 P. M. ..... Fall Term Opened
December 22 Friday, noon ..... Fall Term Closed

1912.

January 3, Wednesday 2:30 P. M. ..... Winter Term Opened
March 21, Thursday ..... Wintetr Term Closed
March 27, Wednesday, 2:30 P. M. ..... Spring Term Opened
May 29, Wednesday ..... Senior Examinations
June 9, Sabbath ..... Baccalaureate Sermon
June 11, Tuesday 10:00 A. M. ..... Trustees Met
June 14, Friday ..... Commencement

For the College Year 1912-1913

1912.

June 17, Monday 2:30 P. M. ..... Summer School Opens
August 9, Friday noon ..... Summer School Closes
September 17, Tuesday 2:30 P. M. ..... Fall Term Opens
December 20, Friday noon ..... Fall Term Closes

1913.

January 7, Tuesday 2:30 P. M. ..... Winter Term Opens
March 20, Thursday noon ..... Winter Term Closes
March 27, Wednesday 2:30 P. M. ..... Spring Term Opens
May 28, Wednesday ..... Senior Examinations
June 8, Sabbath ..... Baccalaureate Sermon
June 10, Tuesday 10 A. M. ..... Trustees Meet
June 12, Thursday ..... Commencement
June 16, Monday 2:30 P. M. ..... Summer School Opens
August 8, Friday noon ..... Summer School Closes

Commencement Program, 1912

SABBATH, JUNE 2.

7:30 p. m. ..... Academy Baccalaureate
By Rev. W. L. McCormick.

MONDAY, JUNE 3.

7:30 p. m. ..... School of Expression Recital

TUESDAY, JUNE 4.

7:30 p. m. ..... Weaver Declamation Contest

THURSDAY, JUNE 6.

7:30 p. m. ..... Conservatory Recital

FRIDAY, JUNE 7.

7:30 p. m. ..... Reception of Senior Class
By President and Mrs. Montgomery.
7:30 p. m. ..... Academy Commencement
Address by Prof. C. C. Miller.

SATURDAY, JUNE 8.

7:30 p. m. ..... Literary Society Program Night

SABBATH, JUNE 9.

11:00 a. m. ..... Sermon for Christian Associations
By Dr. C. L. Patton of Columbus.
7:30 p. m. ..... Baccalaureate Sermon
By President J. Knox Montgomery.

MONDAY, JUNE 10.

7:30 p. m. ..... Junior Play, "Brown of Harvard"

TUESDAY, JUNE 11.

10:00 a. m. ..... Meeting of Board of Trustees
7:30 p. m. ..... Brown Oratorical Contest

WEDNESDAY, JUNE 12.

11:30 a. m. ..... Alumni Association Meeting and Banquet
7:30 p. m. ..... "The Servant in The House"
Play by the Faculty.

THURSDAY, JUNE 13.

2:00 p. m. ..... Seventy-fifth Anniversary Celebration
7:30 p. m. ..... "The Building of the Ship"
Concert by Choral Society.

FRIDAY, JUNE 14.

9:00 a. m. ..... Commencement Day
Exercises by Representatives of the Class.
2:00 p. m. ..... Presentation of Diplomas
Conferring of Degrees of Degrees, and Annual Address.
7.30 p. m. ..... College Sing

Board of Trustees

Term Expires 1912.

Rev. Mertz A. Eakin ..... Steubenville, Ohio
G. W. Hamilton, D. D. ..... Cadiz, Ohio
Rev. W. J. Graham ..... New Concord, Ohio
Rev. O. H. Milligan ..... Ben Avon, Pa.
R. L. Brownlee ..... Steubenville, Ohio
Howard McDonald ..... Zanesville, Ohio
F. T. Hare .....Wheeling, W. Va.
Capt. O. M. Shipley ..... New Concord, Ohio
Prof. S. H. Maharry ..... Shelby, Ohio

Term Expires 1913.

Rev. W. J. Grimes ..... Roney's Point, W. Va.
Rev. W. L. Garges ..... West Pittsburg, Pa.
Rev. D. A. McClenahan, D. D. ..... Pittsburg N. S., Pa.
Rev. L. L. Gray ..... Northfield, Ohio
Rev. S. E. Martin, D. D. ..... Xenia, Ohio
Rev. H. A. Kelsey ..... East Liverpool, Ohio
Robert McGowan, Esq. ..... Steubenville, Ohio
Fred Sebring, Esq. ..... Sebring, Ohio
James Archer, Esq. ..... Steubenville, Ohio

Term Expires 1914.

Rev. Huber Ferguson ..... Mansfield, Ohio
Rev. W. P. Aikin ..... Canonsburg, Pa.
Rev. J. W. Ashwood, D. D. ..... Cambridge, Ohio
Rev. C. W. Fulton ..... Pittsburg N. S., Pa.
J. M. Brown, Esq. ..... Wheeling, W. Va.
E. B. Castor, Esq. ..... New Concord, Ohio
R. H. Rutherford, Esq. ..... Zanesville, Ohio
Rev. R. W. Nairn, D. D. ..... Zanesville, Ohio
W. S. George, Esq. ..... East Palestine, Ohio

Officers of Board of Trustees

Rev. S. E. Martin, Xenia, Ohio..... President
Rev. W. J. Graham, New Concord, Ohio ..... Secretary
L. J. Graham, New Concord, Ohio ..... Treasurer

Executive Committee.

Rev. J. Knox Montgomery, D. D., Chairman.
Rev. J. W. Ashwood,
Howard McDonald,
O. M. Shipley,
R. H. Rutherford.

Finance Committee.

President J. Knox Montgomery, D. D., Chairman,
E. B. Castor,
O. M. Shipley.

Visiting Committee.

Rev. M. A. Eakin, Chairman,
Rev. Huber Ferguson,
Mr. Robert McGowan,
Rev. D. A. McClenahan, D. D.
Mr. W. S. George

Committee on Special Departments.

President J. Knox Montgomery, Chairman,
Rev. D. A. McClenahan, D. D.
Rev. S. E. Martin, D. D.

Officers of Faculty

J. Knox Montgomery, D. D..... *President*

Thomas H. Paden .. .. *Secretary*

Chester J. Marshall ..... *Registrar*

STANDING COMMITTEES OF FACULTY.

Registration and Classification — Professors Marshall, Lowery and Paden.

Rules and Regulations—Professors Wright, Gray, and Sharp.

Athletics and Gymnasium — Professors Graham, Lowery, Caldwell and McConagha.

Library—Professors Wright, Lorimer, Brown and Bryant.

Lectures and Public Exercises—Professors Graham, Gray and Immel.

Examinations and Reports—Professors Marshall, Paden and Lowery.

Catalog—Professors Marshall, Graham and Lowery.

Student Affairs—Professors Lowery, McConagha and J. I. Stewart.

College and Student Publications—Professors Graham, Paden and Sharp.

The President is ex-officio member of all committees.

Janitor—G. Cameron McConagha.

Assistants—C. J. Sutton and Jesse Keyser.

FACULTY

JOHN KNOX MONTGOMERY, D. D. PRESIDENT.
Professor of Biblical Science.

JOHN ALEXANDER GRAY, A. M., PH. D.
Professor of Mathematics and Logic.

THOMAS HOSACK PADEN, A. M.
Professor of Latin and Political Science.

LEONARD JOHNSON GRAHAM, A. M.
Professor of English Language and Literature.

CHESTER JOSEPH MARSHALL, A. M.
Professor of Greek and Education.

ALEXANDER HOLLAND WRIGHT, A. M.
Professor of Chemistry.

JOHN COLEMAN, A. M.
Professor of Philosophy.

MARY EMMA SHARP, A. M.
Professor of French and German.

* RAY KEESLER IMMEL, A. B.
Professor of Oratory and Expression.

WILBUR COOKMAN DENNIS, A. M.
Professor-Elect of Oratory and Expression.

JOHN IRWIN STEWART, A. M.
Professor of History.

EARLE RUSKIN BRYANT, A. M.
Professor of Biology

JOHN GLENN LOWERY, M. S.
Professor of Physics and Principal of Academy.

MARY ADELIA LORIMER, B. S.
Instructor of Latin.

BEULAH BROOKS BROWN, PH. B.
Instructor in English.

MARY CAROTHERS McCONAGHA, B. ELO.
Dean of Women and Instructor in English and Elocution.

WILLIAM CALDWELL, B. S.
Professor of Engineering, Athletic Director and Coach.

MARY ELIZABETH STEWART, A. B.
Instructor in French and German.

ALBERT EDWIN HOSMER.
Director of the Conservatory of Music, Teacher of Voice, Chorus, Orchestra, Etc.

MABEL MARTHA MOORE, B. M.
Teacher of Piano.

THOMAS ELWOOD GRISELLE.
Teacher of Pipe Organ, Harmony.

SARAH ALLISON GRAY, B. S.
Instructor in Art.

ELLA M. STEWART
MARTHA STRONG
Assistants in Academy.

BERYL PATTON
HOMER McCREARY
Assistants in Chemical Laboratory.

PAUL MURPHY
Assistant in Biological Laboratory

LLOYD COPELAND
Assistant in Physical Laboratory.

*Resigned.

Lectures, Sermons, Recitals, Receptions, Etc.

September 19—Opening of Fall Term.
September 24—Chapel Sermon by President Montgomery.
September 26—College Board attended Chapel.
September 28—Reception to Faculty and Students by Christian Association.
October 13-15—Visit of Missionary Deputation.
October 20—Concert by the Concert Trio.
October 26—"Prince and Pauper" given by Juvenile Expression Class.
November 2—Senior-Sophomore Banquet.
November 5—Chapel Sermon by Dr. Montgomery.
November 9—Faculty Reception to the Students.
November 11—Concert by the Dunbar Company.
November 15—Faculty subscribed $3,000 and the students $4,500 toward the Seventy-fifth Anniversary Fund.
November 23—Faculty Recital.
December 3—Mass Meeting in the Interest of the College.
December 18—Choral Society Concert.
December 22—Fall Term Closed.
January 3—Opening of Winter Term.
January 7—Chapel Sermon by President Montgomery.
January 25—Open Hour: Speaker, Professor Gray.
January 25—Lecture by Thomas Brooks Fletcher.
January 30—Junior-Freshman Banquet.
February 4—Chapel Sermon by President Montgomery.
February 5—Historical Stereopticon Lecture, President Montgomery.
February 6—Visit of William Morley, Student Volunteer Secretary.
February 7—Dickens Day Program.
February 8—Open Hour: Speaker, Professor Bryant.
February 15—Girl's Preliminary Debate.
February 15—Open Hour: Speaker, Professor Wright.
February 13—Peace Lecture, Dr. Hubbard.
February 21—Open Hour: Speaker, Professor Stewart.
February 27—Lecture by Montaville Flowers.
March 2—"Fanny and the Servant Problem" by Oratory Department.
March 3—Chapel Sermon by Professor J. H. Webster, D. D., Xenia, O.
March 5—"The Servant of the House" by the Faculty.
March 4—The Faculty-Cabinet Basket Ball Game.

March 7—Open Hour: Speaker, Professor Marshall.
March 17—Chapel Sermon, President Montgomery.
March 18—Founders' Day Program.
March 21—Winter Term Closed.
March 28—Spring Term Opened.
April 5—Recital of "Ingomar" by Professor T. C. Trueblood of the University of Michigan.
April 3—Chapel Sermon by President Montgomery.
April 8—Lecture by Rev. J. S. McGaw.
April 4—Term Social.
April 12—Mount Union-Muskingum Debates.
April 14—"Joan of Arc" by the Choral Society.
April 15—Planting of Benjamin Waddle Memorial Tree on New Campus.
April 18—Girls' Gymnasium Open Hour.
April 19—Geneva-Muskingum Debate.
April 25—Laying of the Corner Stone Program.
April 26—Ohio University-Muskingum Debate.
April 22-24—Visit of Rev. T. H. Hanna.
May 5—Chapel Sermon by President Montgomery.
May 7—Browning Day Observed.
May 14—Bible Reading Contest.
May 15—Conservatory Faculty Recital.
May 28—May Day Exercises.

Historical Statement

The first steps toward the establishment of Muskingum College were taken by the people of New Concord in 1836. They were of those who believed in the "Ordinance of 1787", which declared "Religion, Morality and Knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall be forever encouraged." Acting upon this belief Muskingum College was chartered in 1837 under the laws of the State of Ohio. For many years it was run as a local institution governed by a local board of trustees. In 1877, believing that the time had come for the college to enter upon a broader field of service its formal control was transferred to the United Presbyterian Presbyteries of Muskingum and Mansfield. In 1888 its sphere of usefulness was still further extended when it came under the control of the United Presbyterian Synod of Ohio. These transfers have largely increased its constituency and made it the representative of higher education for a Christian body, having a large membership in Ohio, Michigan and West Virginia. The Board of Trustees is elected by the Synod of Ohio, six of them being nominated by the Alumni Association of the College. Though under denominational care and control the College offers her advantages to all on equal terms without regard to denominational affiliation. Three denominations are represented on her board, five on her faculty, and twelve in her student body.

Among those who have served Muskingum College as presidents are men whose names are widely known in the United Presbyterian Church and in the educational world. Among these may be mentioned her first president, Rev. Benjamin Waddle, D. D., who was in close touch with the institution for over twenty years. Rev. David A. Wallace, D. D., LL. D., who afterwards became the efficient president of Monmouth College, began his educational career as president of Muskingum. Rev. David Paul, D. D., was president for fourteen years, a man, mighty in word and in deed. Rev. F. M. Spencer, D. D., ex-President of Cooper College, was president of Muskingum from 1870 to 1886. Rev. J. D. Irons, D. D., LL. D., succeeded him, serving the institution for five years. Rev. Jesse Johnson, D. D., now professor in Xenia Theological Seminary, was president from 1893 to 1902. During his administration the present main college building and gymnasium were erected.

The present president entered upon his duties in September, 1905, and was inaugurated November 7th of the same year.

During this administration the curriculum of the college has been strengthened until it now corresponds with that of the Associated Colleges of Ohio and with the strongest colleges in the United Presbyterian Church. The preparatory department now has a four years' course and bears the imprimature of the State School Commissioner of Ohio as a first grade academy high school. The growth of the institution has been rapid during the past few years, the attendance this year aggregating 555. Over 6,500 young men and women have been in attendance upon Muskingum College. Six hundred and eighty have graduated from her halls. Nearly half of these have entered the gospel ministry. A large number have served as teachers, fifteen have become college presidents, two of whom attained national and one, the late President W. R. Harper, of Chicago University, international fame. Thousands of other teachers have received their training at Muskingum College. Her roster of statesmen, lawyers, bankers and business men includes names that are most honored. Today Muskingum College, through her representatives serves in all parts of the world. Her student body today comes from eighteen states and three foreign countries. A first class Conservatory of Music has been developed in connection with the college and a School of Expression which has few superiors in this or other states. The college has come to the front in Ohio, winning the State Oratorical Contest twice and twelve Inter-Collegiate debates.

The aim of the institution is to give thorough training. The college idea should be culture—the production of the best manhood and womanhood. And this does not require that utility be lost sight of, but that it be held in proper relation. For young people the studies which are called "practical" are after all more useful for their discipline than for their direct contribution to skill in the callings of life. Muskingum, therefore, strives to be *a good college, not a poor university.* She concentrates all her effort, so far as studies are concerned, on the preparation of young men and women to receive the bachelor's degree, and her good reputation for undergraduate work has proved her wisdom.

The graduates of Muskingum College do not fail to take high rank in university post graduate work or when they enter professional or technical schools. Students coming to Muskingum may be sure of thorough training, and a preparation for life that will serve their best interests and will fit them for rendering the best service to their generation.

Material Equipment

MAIN BUILDING—

The present Main College Building was erected in 1899. The length is one hundred and twenty four feet, the depth sixty feet. The building is of red pressed brick, three stories in height. The first floor contains the new Chemical and Biological Laboratories with storage and recitation rooms. The Chemical Laboratory is equipped with new furnishings throughout. Three elegant desks accommodating forty eight students have been installed, each student having his individual drawer and locker. The tops are acid proof with lead troughs, alberene stone sinks, and are supplied with water and gas; also a full set of reagents and apparatus. The laboratory has a concrete floor and is well lighted and ventilated, making a very attractive work room.

The Biological Laboratory is large and roomy, well lighted and ventilated, furnished with six massive tables with individual drawers for each student. Eleven high grade, compound microscopes have recently been purchased, together with charts, specimens, skeletons, and all needed apparatus for the best teaching of the different subjects. A high grade Reflectoscope for both slides and opaque objects with microscope attachment has recently been purchased for the departments of Biology and Physics. The west portion of this floor contains the heating plant, machinery room, china kiln, workshop and general storage room.

The main floor contains the Chapel, which has a seating capacity, including the rooms to the rear, of five hundred. A new two manual pipe organ has recently been installed in the chapel. Two large recitation rooms, together with the President's office, spacious halls, and three cloak rooms are on this floor. The east portion of the main floor is devoted to the Reading Room and Library, both of which are large and well lighted. About six thousand volumes are in the Library. Several hundred new books have recently been added representing all the departments of the College, Conservatory, School of Expression, and School of Art. The leading daily papers, together with a large assortment of magazines, representing all the departments of general literature, science, philosophy, etc., are on the tables and in the racks.

The third floor is occupied by the Conservatory of Music, the School of Expression, and the Literary Societies. Their halls are beautifully furnished, and form attractive meeting places.

RECITATION HALL—

This building was erected in 1873 and for many years was used as the main college building. It has been remodeled and now contains seven large recitation rooms, furnished with university chairs, maps, charts, etc. In this building are the lavatories and a nicely furnished ladies' rest room. The first floor contains also the Physical Laboratory. It is well lighted and conveniently arranged for the work. Gas and water are accessible to the student. It is supplied with tables and the apparatus is designed for individual use by the student. For use in the study of mechanics, vernier calipers, micrometer screws, spherometers, various designs of balances and scales, moment of force apparatus, etc., are provided. For the study of electricity are found magnets, cells, wheatstone bridges, volmeters, ammeters, small motors, a wireless telegraphy outfit, aand three types of galvanometers. Several hundred dollars will be expended for apparatus before College opens in the fall.

ALUMNI GYMNASIUM—

The Gymnasium was erected in 1900 at a cost of $7,000. It is a substantial brick structure and has its own heating plant in the basement. The first floor contains the Physical Director's room, gentlemen's dressing and locker rooms, with toilet and shower baths; supplied with hot and cold water; also exercise room and basket ball floor. It is thoroughly equipped with all modern apparatus necessary for the best development of the physical man. On the second floor are the galleries, the ladies' dressing room and lavatory, with shower baths. Several hundred dollars have recently been spent in remodeling the gymnasium.

ATHLETIC FIELD—

The College owns one of the finest athletic fields in the state, with diamond, gridiron and quarter mile track.

PRESIDENT'S MANSE—

In 1906 an elegant manse for the president was erected on the west campus at a cost of $5,000. It is a twelve room house, with all modern conveniences, splendidly adapted to its purpose as a social center for the college, and has one of the most commanding views in southern Ohio. The scenery in every direction is attractive to the eye.

CAMPUS—

The original campus of the College was small. In 1906 ten acres were added to the west side, and in 1909 eleven acres more, which furnish a splendid physical basis for the growing institution. The ground is high and rolling, with a sweeping view for miles, and is noted for the purity of its atmosphere.

NEW BUILDINGS—

The rapid growth of the institution in the past three years and the consequent crowded condition of our present buildings make more buildings imperative.

On another page will be seen the birdseye view of the proposed group of buildings to be erected on our campus and which will mean practically a new Muskingum. The location of this group of buildings is on the hill west of the present buildings and is most beautiful for situation. The plan shows eight buildings besides the central heating plant and lighting plant. These are the Chapel, the Main College building, the Library, the two Science buildings, and to the rear the Gymnasium and two Dormitories.

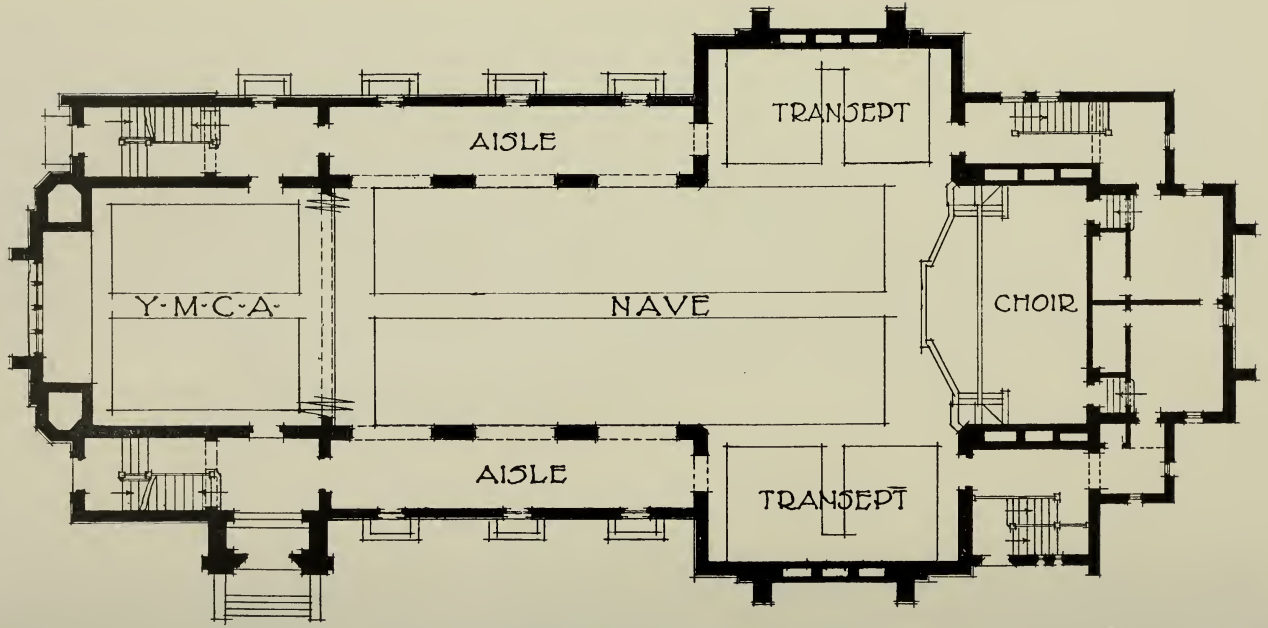
AUDITORIUM—

The new Auditorium was erected during the year 1912. The building is 150 ft. in length by 60 ft. in width. Its architecture is English Cathedral. The main floor has a seating capacity of six hundred for daily Chapel use, and with the Balcony and Y. M. C. A. room will accommodate one thousand. A $3,500.00 pipe organ purchased by the students in attendance during the year 1911-1912 has been installed.

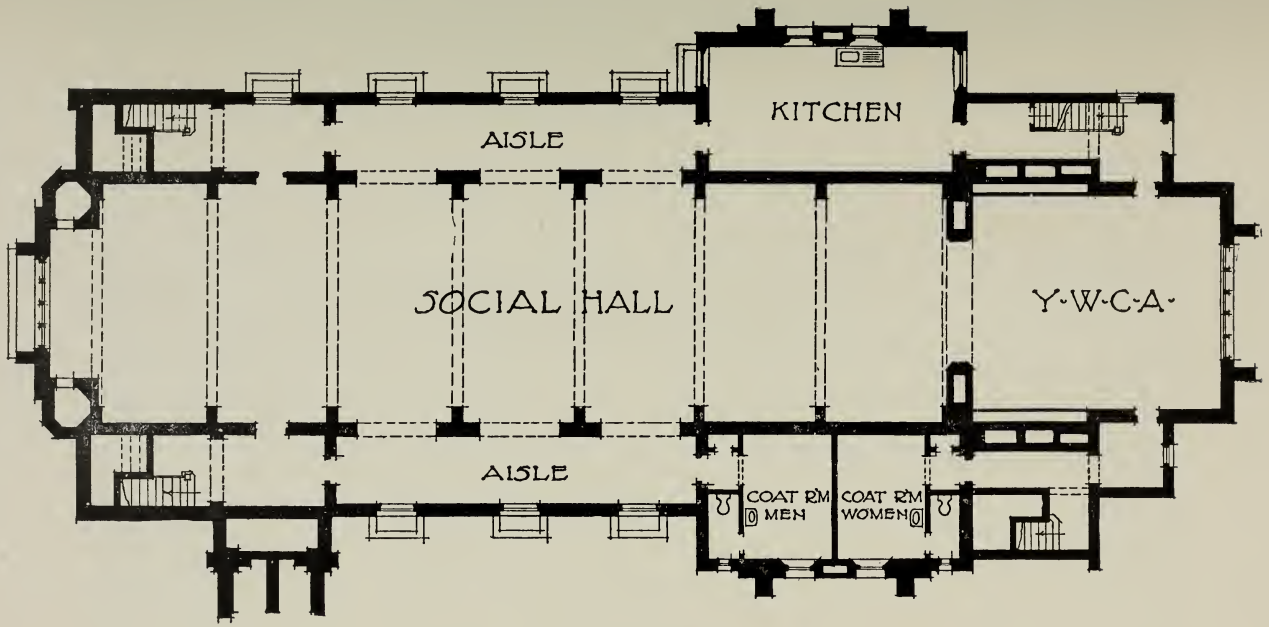
The Y. M. C. A. has its home on the first floor of this building in a commodious and well appointed room. The Y. W. C. A. is located on the basement floor and their room forms a parlor for the large social and banquet hall which will accommodate five hundred people. On this floor also are the cloak rooms and the kitchen and serving room. The auditorium complete cost about $45,000.

All the college buildings are lighted by electricity and the new group will be heated from the central plant.

Auditorium and Christian Association Building

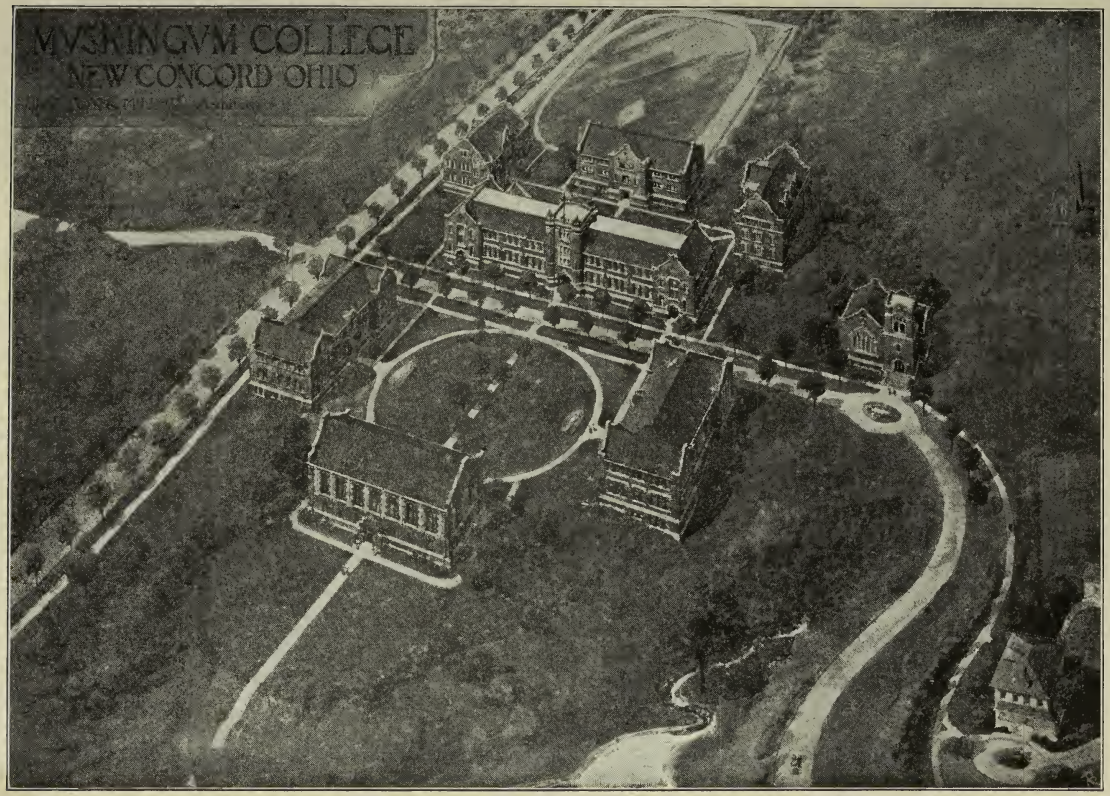


PLAN OF FIRST FLOOR



PLAN OF BASEMENT

Birdseye View of New Campus and Proposed Buildings



Boys' Dormitory
ScienceHall

Athletic Field
Gymnasium
Main Building
Library

Girls' Dormitory
Science Building

Chapel

President's Residence

General Information

LOCATION—

Muskingum College is located on the main line of the B. & O. Railroad, two hours east of Columbus, Ohio, and four hours and thirty minutes west of Pittsburg, Pa. It is eight miles from the city of Cambridge, and eighteen miles from the city of Zanesville. Connections at Pittsburg, Wheeling, Bellaire, Cambridge, Zanesville, Newark, Columbus, Mt. Vernon, Mansfield, Cincinnati and many other points make New Concord easy of access. The College town is located among the picturesque hills of southern Ohio, and is beautiful for situation. The altitude of the College hill is about 1,000 feet above the sea level. It is an ideal College town, supporting five churches, and has never had a saloon. The healthfulness of the place, the moral and religious character of its people, together with its freedom from temptation, make it an ideal place for a college student. The life of the village centers about the college. The patriotism and loyalty of the people may be judged from the fact that during the Civil war almost every home had a representative in the field, and from the further fact that no citizen born in the township has ever been arrested for crime.

ROOM AND BOARD—

Students room in private homes and for the most part board in clubs. It is usually best to defer the choice of room until personal selection can be made. A list of available rooms with prices is posted in the College office. A large, cordial and competent committee of the Young Men's and Young Women's Christian Associations look after the welfare of the new students, and assist them in securing rooms, boarding clubs, books, etc. Special attention is given to the young ladies in order that they may be located pleasantly, and where they will have the special care and oversight of ladies who will make their surroundings homelike. A Dean of Women is charged with their oversight.

TO PARENTS—

College fees for each term are payable on entrance. Should this be impracticable, parents should write to the Treasurer, Prof. L. J. Graham, or to the President, concerning special arrangements. It is better that money intended for College fees should be brought by the student in check or draft payable to the Treasurer of Muskingum College, which the student should carry to the Treasurer as soon as possible. Parents should not allow their sons to buy on credit, nor run open accounts at stores, nor borrow money from their fellow students.

For many reasons the President should be notified beforehand of the intended matriculation of new students. Not only the President, but each of the Professors, will do all in his power to assist new students in finding desirable and congenial room mates, and a new student should feel no hesitation whatever in asking such advice and assistance.

REGISTRATION—

At the opening of each term the name and course of every student are enrolled by the Registrar. The registration must be attended to not later than the opening day of each term, and failure to comply with this requirement will debar the student from reciting in any class. No student will be enrolled in any class until term bills have been paid. His registration card must be signed by the President and Treasurer as evidence of this. For each registration card issued after the first day of each term an extra fee of one dollar will be required.

Registration for the Winter and Spring terms will be on such days before the close of the term as are designated by the Faculty. Students neglecting to register at the appointed time will be required to pay a fee of one dollar.

ATTENDANCE—

The fallacy, as widely current as it is miscievous, that no harm is done by entering a few days late, has in innumerable instances proved fatal to a student's success. Absence from class entails intellectual loss that can only be made up by special work. Punctual attendance then is expected on the opening day of each term. Unless satisfactory excuses be offered for these absences they will count against the student the same as other unexcused absences.

Any student, having more than three absences from any class, will be required to pass a satisfactory examination in the work covered thus far in the term before being re-admitted to class standing.

EXAMINATIONS—

Examinations are held at the close of each term. Any student whose class grade falls below 70 in any subject will be required to take a special review in that branch before being admitted to final examination. No student who omits a required examination in any branch at the appointed time will receive a grade in the study or be regarded as having completed it until the examination is taken. In any such case the student must present his reason for absence unless he has obtained previous

permission to postpone his examination. If the reasons are satisfactory, written permission will be given to have a special examination. This permission, together with the receipt of the Treasurer for a fee of one dollar, must be presented to the Professor, and the examination will be given. Where absence at the time of the class examination is caused by sickness, no fee will be charged.

The Senior examination takes place two weeks before commencement, and may cover the studies of the Senior year.

As soon as possible after the close of each term a report of the grades of each student in all studies will be sent to the parent or guardian, to whose careful consideration all reports are earnestly recommended. It is requested that the Registrar be promptly notified of any failure to receive such reports. In these reports A, represents a grade of from 96 to 100; B, from 90 to 95; C, from 80 to 89; D, from 70 to 79; E, from 65 to 69; F, failure.

HONOR SYSTEM—

Some years ago the student body took the initiative in the matter of the honor system in examinations. Their action was approved by the faculty and all written work in the class room, as well as the regular examinations, are conducted under this system. Each student writes and signs the following pledge upon his paper before handing it in:

"I pledge my honor as a gentleman (or lady, as the case may be) that I have neither received nor given aid during this examination."

A student council consisting of representatives from the different classes is organized to which any violation of honor is to be reported for their action.

HONORS IN SCHOLARSHIP—

Honors in scholarship are recorded on the diplomas of the students winning them, and published on the commencement program.

Two classes of honor, designated respectively as honor (*cum laude*) and high honors (*magna cum laude*) are conferred at graduation upon students who satisfy the following conditions of scholarship:

Honors in general scholarship are awarded those students who have attained a grade of A in 100 hours; a grade of B in 50 hours, and no grade lower than C in the total required for graduation.

High honors are awarded those students who have attained a grade of A in 150 hours of the total required for graduation, and no grade lower than B in the remainder.

GOVERNMENT—

There are no traditions so persistent as those of a College campus. These inherited ideals of College life, the campus "atmosphere" act with almost irresistable force on all newcomers, who are exposed to their influence at a peculiarly susceptible age. The chief treasure of Muskingum, more valuable than rich endowments or costly buildings, is the character of her student body and the traditions of honor, morality, and religion which pervade the life of her campus.

The aim is to govern as little as possible, yet as much as is needed. The students are taught, encouraged and assisted in self-govenrment. Discipline looks always toward the strengthening of the students' self-respect and sense of personal responsibility. The cases where this method fails are rare.

Wherever a student is known to be unfit to remain in College he will be dismissed.

The statutes of the Board expressly forbid profanity, card playing and the use of intoxicating liquors. The use of tobacco is forbidden on the college premises, the village streets and is openly discouraged and disapproved everywhere.

GYMNASIUM—

It is a recognized fact that physical training, under competent supervision, is essential to sound scholarship. For this reason a progressive course in systematic and rational physical training is given covering a minimum of two hours per week in the Freshman and Sophomore years, for which four credits are allowed. A careful physical examination is made of each student at the opening of the college year by the college physician, of which an accurate record is kept, and advice is given to assist the individual student in acquiring and maintaining a healthy body. This work is under the supervision of competent physical directors who keep the record and report all unexcused absences to the faculty.

The gymnasium work is open to the Juniors and Seniors of the college and may be required of the Junior and Senior Academy students.

LITERARY SOCIETIES—

Excellent opportunities for literary improvement and parliamentary training are afforded by the Societies of the College.

There are four—the *Aretean and Erodelphian,* sustained by the young women, the *Union Literary and the Philomathean,* sustained by the young men. These Societies do excellent work, a work justly regarded on all hands as of great importance. Every student is required to join one of these. Habitual neglect of the Literary Society work will be regarded just as neglect of any other required work. Provisions will be made for those who cannot, for any sufficient reason, join one of the Societies. The work of the literary societies is under the direction of the Professor of Oratory.

RELIGIOUS SOCIETIES—

Various organizations for the promotion of general religious culture and activity and for the increase of missionary intelligence and zeal are open to all the students. The Young Men's Christian Association and the Young Women's Association hold meetings every week for conference and prayer. Under their direction voluntary classes are formed for Bible and Mission study and methods of work. A volunteer Mission Band holds regular meetings for the purpose of developing the missionary spirit among the students.

Under the direction of these societies, the students, members of the Faculty, and friends of the College assist in supporting a missionary, a graduate of Muskingum, in a foreign field. Contributions are entirely voluntarily.

SABBATH AND CHAPEL SERVICE—

Once a month the President preaches to the student body in the College Chapel. Attendance upon this service and also upon the daily chapel exercises is required of every student. The students are also required to regularly attend the services of the church of their choice upon the Sabbath. The institution is pervaded by a religious atmosphere and very few of the students remain outside of church membership.

The aim of Muskingum College is to make *men,* and its ideal of manhood is one who possesses not only a thoroughly trained mind, and a supple and vigorous body, but also spiritual vision, a trained conscience, and a disciplined will.

ORATORICAL ASSOCIATION—

Muskingum College is a member of the Inter-Collegiate Association, of the Tri-State Inter-Collegiate Association, and of the Peace Oratorical League. Through these associations she contests with the leading educational institutions of eleven states.

The local association is organized for the purpose of pro-

moting Oratory Argumentation and has charge of the preliminary contest for the choice of representatives in the Inter-Collegiate meets.

INTER-COLLEGIATE DEBATES—

Muskingum College is attaining high rank among the colleges of Ohio in Argumentation. During the past five years twelve Inter-Collegiate debates have been won by Muskingum. Five teams representetd the College last year winning over Mt. Union, Geneva and Ohio University. A marked interest has been awakened among the students, both ladies and gentlemen taking part in these debates.

CONTEST PRIZES—

Friends of the College have made provision for the following prizes in Oratory, Debate, Bible Reading, Declamation and Short Story:

I. *The Brown Prizes*—For several years Mr. J. M. Brown of Wheeling, W, Va., a member of the Board of Trustees, and a staunch friend of the College, has given $50.00 in prizes for efficiency in oratory. There are four prizes, two each for ladies and gentlemen, of $15.00 and $10.00 respectively.

II. *The Garvin Prizes*—The late Hon. T. M. Garvin of Wheeling, W. Va., for several years gave $50.00 in prizes to be awarded to those who make the first Debate Team. The College is now looking for some man who will take Mr. Garvin's place and share in the work which he so splendidly began.

III. *The Weaver Bible Prizes*—Mr. J. Riddle Weaver of Canonsburg, Pa., has endowed the Bible Reading Prizes in memory of his wife, Mrs. Myra Law Weaver, and his daughter, Miss Mysie Giffin Weaver. The object of these prizes is to encourage students to cultivate the ability to effectively read the Word of God. The contest is held in April each year. The prizes are three, $7.00, $5.00, $3.00.

IV. *The Weaver Declamation Prizes*—Mr. Weaver has also endowed in memory of his wife and daughter the Declamation Contest which is held each year during the month of May. The prizes are $7.00, $5.00, $3.00. Through this endowment Mr. Weaver has set a worthy example for others to follow and has enshrined in the grateful memory of multitudes his sainted dead.

V. *The Doubleday-Page Short Story Prizes*—Muskingum College was honored by being chosen as the only college in America to which these prizes were offered. A prize of $50.00 was offered the English Department for the best short story writ-

ten by a member of the Short Story Class, and a prize of $25.00 for the second best. These stories are to be published.

VI. *Tau Kappa Alpha*—Muskingum College was honored during the year 1911 by having established the first sub-chapter in Ohio of Tau Kappa Alpha, the National Fraternity of Honor Men in Oratory and Debate. The membership in the local chapter will be limited to those winning first honors in Inter-Collegiate contests. This is the highest honor given in Oratory and Debate in Muskingum. The gold key of the fraternity has a national significance and the fraternity numbers among its members such men as W. J. Bryan, Senator Beveridge, Gov. Buchtel, and others.

This fraternity is purely honorary and has nothing at all in common with college secret fraternities.

These generous friends of the College and of Christian education are doing more than they yet realize, as they in this way are helping to stimulate young men and women to their best efforts.

PUBLICATIONS—

The Black and Magenta, a monthly magazine, published by a company of students and professors, is largely instrumental in keeping the Alumni and friends of the College in touch with its progress and work. To the students it furnishes a fine opportunity to cultivate a literary taste and spirit, gain practice in news gathering, editing, proof reading, advertising and other features of newspaper work. Nine numbers are published during the academic year.

The subscription price of the Black and Magenta is $1.00 per year.

The College annual, *THE MUSCOLJUAN,* is published by the Junior Class during the spring term of each year. The Muscoljuan is a leather bound volume containing about 190 pages of reading matter and cuts of the different classes and organizations. The price of the book is $1.50 per copy.

LIBRARY—

The College Library comprises over 6,000 bound volumes, besides a large number of magazines and pamphlets. Substantial additions have been made to the library during the past year. Fifteen hundred choice volumes have recently been added. Some liberal and valuable donations have been made, chief among these being the the library of the late Samuel Harper of New Concord, through the generosity of W. S. George. One thousand dollars will be expended for new books this summer.

The students make diligent use of the library. The reading room and reading matter are under careful regulations, which are cheerfully observed. There is provision for a regular increase in the number of books, selections being carefully made to meet the needs of the students.

The Library room is also used as a reading room. The best periodicals and papers are kept constantly on the tables, and every effort is made to furnish the student information on current events.

BUREAU OF SELF HELP—

A bureau of self help has been established for the purpose of assisting young men and women who are working their way. Through this agency a limited number of young people are enabled to do something toward making their own way in College.

SCHOLARSHIPS—

Hon. William Jennings Bryan has established a Loan Scholarship in Muskingum College from the Philo Sherman Bennett Fund, of which he is trustee. This scholarship is loaned annually to worthy, poor young men without interest, for a term of years. As the loans are paid they are added to the principal of the Scholarship.

ROTARY SCHOLARSHIP—

The College would earnestly commend to the friends of education our Rotary Scholarship plan for the aiding of worthy young men and women in straightened circumstances who are seeking to secure an education.

Briefly outlined, the plan is as follows: Individuals or congregations will be given a scholarship on the payment of $50.00 a year for five years, to the Treasurer of the College, Prof. L. J. Graham, New Concord, Ohio. The donor, or if a congregation, the session, will have the privilege of choosing some poor but deserving young man or woman, who could not otherwise attend College, who will be designated as the beneficiary of this scholarship. The one consideration in the choice of the beneficiary that will be insisted upon by the College is that he must be unable to attend College without this help, and must give evidence of being worthy of such aid. If there should be a number of such young people in a congregation owning a scholarship, the session may make choice by competitive examination, questions for which will be furnished by the Faculty. Should the individual donor or the session of the congregation have no person available, the Faculty will designate a beneficiary from the numerous applicants

which are yearly before them. Full information regarding such scholarship will be furnished on application.

The First U. P. Church, Wheeling, W. Va., has the honor of establishing the first of these scholarships. Mrs. Fred Sebring and two daughters have established four scholarships.

In no more practical way can individuals or congregations aid worthy young men and women to secure an education than by establishing one or more of these Rotary Scholarships.

THE MUSKINGUM LEAGUE—

This is an organization which is destined to make its power felt in the future history of the College. It is an association of alumni, faculty, trustees, students and friends of Muskingum College, whose members contribute a certain sum each year to improve, repair, equip, and complete the College "plant". Five hundred members of the *Muskingum League* would in a few years make the College, in material equipment and resources, not only abreast of our progressive age, but worthy of our educational traditions as a denomination. Will you be one of the five hundred?

Those who have it in their hearts to do something for the cause of Christian education, and yet feel that they cannot make a contribution of any large sum, will find an opportunity to do great good through the agency of the Muskingum League. Membership cards will be furnished on application.

THE MUSEUM—

Muskingum College should have had a valuable Museum at this stage of her history, considering her age and her widely scattered and influential Alumni, some of whom have obtained distinction as Archaeologists and Egyptologists. No special effort has been made in this direction. But the time has come for advance. There is a good nucleus already. Recently Miss Josephine Martin of Sialkot, India, and Rev. J. H. Martin of Zaferwal, India, have made large and valuable donations.

The College will very much appreciate any gift that its friends may make to the Museum.

LECTURE COURSE—

The College maintains a high grade lecture course each year. Students are thus enabled to hear the really great lecturers of the country, and the leading musicians and readers. Besides this course, the Conservatory and School of Expression bring some of the leading artists for special recital. Talent already contracted for for next year includes: The Ladies' Spanish Orchestra; John B. Ratto, Character artist; Lee Francis Lybarger; Senator Frank J. Cannon and the Ben Greete Players.

College Expenses

TUITION AND FEES.

Collegiate Department—

Tuition for Fall term	$16.00
Tuition for Winter Term	14.50
Tuition for the Spring term	14.50
Gymnasium and Athletic fee per term	1.00
Literary fee per term	.50
Fee in Physics in Courses I, II. III, per term	1.50
Fee in Physics in Courses IV, V, VI, per term	2.00
Fee in each Course in Botany and Zoology, each per term	1.00
Fee in Course in Biology, per term	1.00
Fee in Chemistry, Coures I, II, III, per term	3.00
Fee in Chemistry IV-IX, per term	4.00
Breakage Deposit in each Course in Chemistry, balance returnable	1.00
Graduation Fee, payable with tuition third term of Senior year	5.00
Extra hours over 18, per hour per term	1.00

For a minimum of twelve recitations a week, full tuition rates are charged.

The tuition rates for students who have less than twelve hours of recitations per week are as follows:

One Hour a Week.

Fall Term ..... $1.50 Winter and Spring Terms.. $1.30

Two Hours a Week.

Fall Term ..... 2.75 Winter and Spring Terms.. 2.35

Three Hours a Week.

Fall Term ..... 4.00 Winter and Spring Terms.. 3.40

Four Hours a Week.

Fall Term..... 5.25 Winter and Spring Terms.. 4.45

Five Hours a Week.

Fall Term..... 6.50 Winter and Spring Terms.. 5.50

Six Hours a Week.

Fall Term..... 7.75 Winter and Spring Terms.. 6.55

Seven Hours a Week.

Fall Term..... 9.00 Winter and Spring Terms.. 7.60

Eight Hours a Week.

Fall Term..... 10.25 Winter and Spring Terms.. 8.65

Nine Hours a Week.

Fall Term.....11.50 Winter and Spring Terms.. 9.70

Ten Hours a Week.

Fall Term.....13.75 Winter and Spring Terms..11.75

Eleven Hours a Week.

Fall Term.....15.00 Winter and Spring Terms..13.80

Students enrolled in the Conservatory of Music, School of Expression or School of Art for two private lessons or more will be allowed to take one College study without extra tuition.

The rules of the board require that no student shall be enrolled until his tuition for the term is paid.

No student will be received ordinarily for less than half a session, nor will any student ever be excused, for any reason whatever, from paying one-half the tuition of any session in which he has entered College.

No student will be registered for less than twelve hours' work without the written permission of his parents.

When absence is caused by protracted illness, or anything else purely providential a proper reduction will be made, unless the student retains his standing in class. In such cases no reduction will be made for any reason. Tuition and terms of admission in other departments will be found elsewhere.

Children of ministers of any denomination are required to pay but half the tuition in the Preparatory and College Courses. No reduction is made in the Summer School or Special Departments.

PREPARATORY DEPARTMENT.

Tuition of Fall term	$15.00
Tuition for Winter Term	13.00
Tuition for Spring term	13.00
Extra hours over 21, per hour per term	.75
Fee in Physics, per term	1.00
Gymnasium and Athletic Fee, per term	1.00

Students in the College or Academy paying full tuition have the privilege of taking the common branches in the Teachers' Review Course without extra charge.

For fifteen or more recitations a week full tuition rates are charged. Students enrolled for less than fifteen hours of recitations per week will be charged $1.00 per hour for the Fall term and 90 cents per hour for the Winter and Spring terms.

No student will be registered for less than fifteen hours' work without permission of his parents.

ESTIMATED NECESSARY ANNUAL EXPENSES.

Tuition	$41.00	to	$ 50.00
Furnished rooms with heat and light	30.00	to	45.00
Boarding	90.00	to	100.00
Books	9.00	to	15.00
Total	$170.00		$210.00

Expenses are very reasonable. Much depends upon the student himself, but in estimating the cost of a college education it should be remembered that it costs something to live at home. Students sometimes report that their incidental personal expenses are less than at their homes.

Terms of Admission

Applicants should bring testimonials of good moral character. Applicants coming from other institutions should bring a certificate of standing and of honorable dismissal.

Graduates from the Academy pass without examination to the corresponding course of the Freshman class in College.

Admission to the College is either by examination or by certificate from accredited schools.

ADMISSION BY EXAMINATION.

For full admission to the Freshman class without conditions fifteen credits must be presented. One credit will be given for a study pursued successfully in any approved preparatory school for one school year with four hours or five three-quarter hour recitations per week. Any course in science must be accompanied with a laboratory course to obtain the full credit. A certificate signed by the principal or superintendent will be accepted in giving such credit, or the candidate may submit to examination in any subject. Students who cannot present the fifteen credits required for the full admission may enter with certain conditions. These can be made up in the Preparatory Department or the Summer School. Attention is particularly called to the latter as an excellent place to remove entrance conditions or to gain time in one's high school or college course. Those whose preparations has been irregular are given special facilities in making up their deficiencies.

The fifteen credits required for full Freshman rank in the Classical Course must include the following eleven:—

Mathematics (must include Algebra)	2
English	3
Latin	4
History	1
Science (Physics preferred)	1

Those offering fifteen credits for full Freshman rank in the Scientific course may offer two units of Latin and two units of Modern Language.

TABLE OF CREDITS ALLOWED.

English Composition and Rhetoric	2	4
English Classics	1	
English Literature	1	
Latin	2 to 4	7
Greek	2	
German	2	
French	2	
History, General	1	2
History, Greek and Roman	1	
History, English	1	
History, United States and Civics	1	
Algebra	1½	3½
Plane Geometry	1	
Solid Geometry	½	
Trigonometry	½	
Physics with Laboratory Work	1	3
Chemistry with Laboratory Work	1	
Physiography	½	
Botany	½	
Zoology	½	
Geology	½	
Astronomy	½	
Political Economy	½	½
Psychology	½	

Agriculture, Freehand Drawing, Manual Training, Domestic Science credit may be allowed for one unit.

In explanation of the above table note that fifteen only out of the thirty credits are required for admission. Also note that while four credits will be given for Latin, two for Greek, two for French and two for German, if presented separately, only seven credits will be allowed in this language group out of the total of fifteen and the same principle applies to the other groups.

Students who are not candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the Faculty that they can profitably pursue the studies which they may elect.

In keeping with the practice of other first class colleges in Ohio, candidates for admission to the Freshman class in the Scientific Course will only be required to offer four units of foreign language, two of which must be Latin and two either French or German.

College credit for high school work in excess of the fifteen units prescribed for admission is granted on examination, or by the committee on admission, under certain conditions, provided the extra units are of an advanced grade and with the understanding that four hours of high school work be given a credit of three college hours.

ENGLISH ENTRANCE REQUIREMENTS.

Readings prescribed by the Joint Conference of the College and Secondary Schools for entrance to the Freshman Class are as follows:—

1912-1913 Reading and Practice.

Group I.—(Two to be selected.)—Shakespeare's As You Like It, Henry V., Julius Caesar, The Merchant of Venice, Twelfth Night.

Group II.—(One to be selected.)—Addison's Sir Roger de Coverly Papers, Franklin's Autobiography.

Group III.—(One to be selected.)—Pelgrave—Golden Treasury (First Series.) Books II. and III., Pope's Rape of the Lock, Goldsmith's The Deserted Village.

Group IV.—(Two to be selected.)—Goldsmith's The Vicar of Wakefield, George Eliot's Silas Marner, Scott's Ivanhoe, Dicken's Tale of Two Cities, Scott's Quentin Durward.

Group V.—(Two to be selected.)—Irving's Sketch Book—Selections, Emerson's Selected Essays, Ruskin's Sesame and Lilies.

Group VI.—(Two to be selected.)—Coleridge's Rime of the Ancient Mariner, Scott's Lady of the Lake, Macaulay's Lays of Ancient Rome, Arnold's Sohrab and Rustum, Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur.

STUDY AND PRACTICE.

Shakespeare's Macbeth, Milton's Minor Poems: L'Allegro, Il Penseroso, Comus, and Lycidas, Burke's Speech of Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill oration, Macaulay's Life of Johnson or Carlyle's Essay on Burns.

ADMISSION BY CERTIFICATE.

The courses are arranged so far as possible to meet the needs of students taking their preparatory work in high schools and academies.

By giving special attention to Latin and either Greek or German graduates from such schools will ordinarily be admitted to the Freshman Class.

Admission to the Freshman Class will be granted to those who present certificates from certain approved High Schools.

Applicants lacking not more than two credits may receive conditional Freshman classification, and opportunity will be afforded them to make up the required work.

ADMISSION TO ADVANCED STANDING.

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to proper adjustment. Every such applicant is required to present, along with a catalog of the institution in which he has studied, a detailed statement, duly certified, of all the studies he has completed, including the entrance studies for which he has credit.

MASTER'S DEGREE.

The degree of Master of Arts is open to graduates of Muskingum College or of other institutions maintaining a similar standard. The candidates will be required to complete an advanced course consisting of one major and one minor and an equal of at least 30 credit hours. At least one year's work will be required of all candidates for this degree, and the quantity and quality of the work done will determine whether it can be finished in this time. The head of the department in which the major is taken will act as adviser and the minor must be chosen with his consent.

Candidates for the Master's degree when enrolled by the Registrar will be charged a fee of $25.00, and at the expiration of six months an additional $10.00, which will cover the entire expense of the course, including diploma.

Credit and Classification

THE CREDIT UNIT—

The subjects pursued in the College are offered in courses of study, and credits for work accomplished are given in hours. By a credit hour or one unit, is meant one hour recitation a week throughout the term. A student taking sixteen hours a week of college work receives sixteen credits for that term, and if such work is continued a year he receives forty-eight credits.

REQUIREMENTS FOR GRADUATION—

In each course the requirement for graduation is one hundred and ninety-two college credits as described above. The number of required and elective credits can be found by consulting the outline of courses in this catalog.

CLASSIFICATION—

The class to which a student is assigned depends upon the number of credits as shown on the books of the Registrar at the opening of the year. Students lacking more than two units of preparatory work as explained in the terms of admission are ranked as preparatory students unless such conditions are balanced by prescribed entrance credits of certified work.

Those meeting the entrance requirements with two units or less of conditions are ranked Freshmen. The requirements for more advanced standing are:

Sophomore, minimum 36 credits; full standing 48 credits.
Junior, minimum 84 credits; full standing, 96 credits.
Senior, minimum 132 credits; full standing 144 credits.
Graduation, 192 credits.

AMOUNT OF WORK—

No Freshman will be enrolled for more than 18 hours, exclusive of physical culture, except by permission of the Faculty. No student in the College department may be enrolled for more than eighteen credit hours' work, exclusive of physical culture, unless he receives a grade of eighty-five in one-half of the work of the preceding term and no grade less than seventy-five in the remainder. No student will be permitted to change his course of any study without permission of the Committee on Classification.

SPECIAL COLLEGE STUDENTS—

The effort is to have each student in the College become a candidate for some degree and take a regular course. For va-

rious reasons some students may be unable to take the full College course. These are enrolled as Special College Students. To this list are eligible those who, in addition to their work in the Conservatory, School of Expression, or School of Art, desire to carry some College work; also those who are pursuing special studies. Special College students may become candidates for a degree upon a vote of the faculty. Upon application they will be given credit for the amount of work accomplished.

Courses of Study

Three general courses of study are offered.

I. The Classical Course—Leading to the degree of A. B.

II. The Scientific Course—Leading to the degree of B. S.

III. The Philosophical Course—Leading to the degree of Ph. B.

Special two year courses are offered in Engineering, Agriculture and Teacher's Normal.

REQUIREMENTS FOR GRADUATION IN DIFFERENT COURSES.

For Degree of Bachelor of Arts.

The major requirement shall be a minimum of sixty hours of language of which thirty-three must be and of which forty-two may be Greek. The maximum number of hours of language which may be taken is ninety-six, of which twenty-four may be Modern language. Four years of preparatory and one year of college Latin are required in this course.

For Degree of Bachelor of Science.

To obtain this degree courses in science aggregating sixty hours must be taken. If two years of Modern language are presented as part of the entrance requirements, one additional year of modern language will be required. If no Modern language is presented, then two years must be taken in the college course.

For Degree of Bachelor of Philosophy.

If the work taken is not along the distinctive requirements for the A. B. or B. S. degree but is elected from the fields of Philosophy, Political Science, English, History and Mathematics, then the degree of Bachelor of Philosophy shall be granted on the satisfactory completion of one hundred and ninety-two hours of college work. Certain electives in Music, Art and Oratory may be accepted for this degree.

Requirements For All Courses.

English	19 hours
Evidences of Christianity, Ethics and Natural Theology	9 hours
Political Science and History	18 hours
Philosophy	12 hours
Mathematics for the A. B. degree	12 hours
Mathematics for the B. S. degree	16 hours
Oratory and Public Speaking	9 hours
Bible	12 hours

No credit will be given for less than one year of beginning language.

The determining requirements of sixty hours added to the other requirements of ninety-one hours total one hundred and fifty-one hours, leaving forty-one elective. Additional flexibility is given the courses by selection from the requirements of all the courses.

OUTLINE OF COURSES.

For the A. B. Degree.

Freshman Year.

Greek I., II., III. ..... 4 hours
Latin I., II., III. ..... 3 hours
English I., II., III. ..... 4 hours
Mathematics II., III., IV. or V. ..... 4 hours
Bible II. ..... 1 hour

Sophomore Year.

Greek IV., V., VI. ..... 4 hours
Oratory and Public Speaking I., II., III. ..... 3 hours
Bible III. ..... 1 hour
Elective ..... 8 hours

Junior Year.

Psychology II., III., IV. ..... 4 hours
Greek VII, VIII, IX. ..... 3 hours
Bible IV. ..... 1 hour
Elective ..... 8 hours

Senior Year.

Evidences of Christianity IX. ..... 3 hours
Natural Theology VIII. ..... 3 hours
Ethics VI. ..... 3 hours
Bible V. ..... 1 hour
Elective ..... 8 hours

For the B. S. Degree.

Freshman Year.

English I., II., III. ..... 4 hours
Biology I., II., III. ..... 4 hours
Mathematics II., III., IV. ..... 4 hours
German VII., VIII., IX. ..... 4 hours
Bible II. ..... 1 hour

Sophomore Year.

Chemistry III., IV., V. ..... 4 hours
Oratory and Public Speaking I., II., III ..... 3 hours

Bible III. .. .. 1 hour
Elective .. .. 8 hours

Junior Year.

Psychology II., III., IV. .. .. 4 hours
Physics (College) I., II., III. .. .. 4 hours
Bible IV. .. .. 1 hour
Elective .. .. 8 hours

Senior Year.

Evidences of Christianity IX. .. .. 3 hours
Natural Theology VIII. .. .. 3 hours
Ethics V. .. .. 3 hours
Bible V... .. .. 1 hour
Elective .. .. 8 hours

For Ph. B. Degree.

Freshman Year.

English I., II., III. .. .. 4 hours
Mathematics II., III., IV. .. .. 4 hours
Bible II. .. .. 1 hour
Elective .. .. 9 hours

Sophomore Year.

French I., II., III. .. .. 4 hours
Oratory, etc. I., II., III. .. .. 3 hours
Bible III. .. .. 1 hour
Elective .. .. 8 hours

Junior Year.

Psychology II, III, IV. .. .. 4 hours
French IV., V., VI. .. .. 4 hours
Bible IV. .. .. 1 hour
Elective .. .. 8 hours

Senior Year.

Evidences of Christianity IX. .. .. 3 hours
Natural Theology VIII. .. .. 3 hours
Ethics V. .. .. 3 hours
Bible V. .. .. 1 hour
Elective .. .. 8 hours

Freshman Electives.

Engineering Mathematics I., II., III. .. .. 5 hours
Psychology I. .. .. 4 hours
Music, Oratory or Art .. .. 8 hours

Sophomore Electives.

Latin IV., V. .. .. 3 hours
English IV., V., VI. ..... 3 hours
German X., XI., XII .. .. 3 hours
Botany IV., V., VI. ..... 4 hours
Zoology VII., VIII., IX. ..... 4 hours
Mechanical Drawing I., II., III. ..... 3 hours
Bible History IV. ..... 3 hours

Junior Electives.

Political Economy I., II. ..... 4 hours
Sociology III. ..... 3 hours
English VII., VIII., IX. ..... 3 hours
History V., VI., VII. ..... 3 hours
Mathematics VI., VII. .. .. 4 hours
German, cl. I., II., III. ..... 4 hours
Logic VIII. ..... 3 hours
Biology X., XI., XII. ..... 4 hours
Chemistry VI., VII., VIII. ..... 4 hours
Junior Public Speaking .. .. 3 hours

Senior Electives.

Geology I. ..... 3 hours
Chemistry IX., X., XI. ..... 4 hours
English XI., XII. ..... 3 hours
Political Science IV., V., VI. ..... 3 hours
Practical Ethics VI. ..... 3 hours
History of Education X., XI., XII. ..... 4 hours
History of Philosophy VII.-A and VII.-B. ..... 4 hours
Physics IV., V., VI. ..... 4 hours
Astronomy I. ..... 4 hours
German, cl. IV., V., VI. ..... 4 hours
Greek X., XI., XII. ..... 3 hours
French, ph. VII., VIII., IX. ..... 3 hours
Senior Elocution and Oratory.

COURSE IN ENGINEERING.

In connection with the Scientific Course the College provides through the Department of Engineering, courses of instruction similar in scope and subject to those prescribed for the first two years in the curriculum of technical schools. Candidates for the degree of Bachelor of Science, who are preparing for the profession of Engineering, by pursuing the studies indicated below in connection with collegiate studies, may thus complete the first

two years of a technical course at the same time that they fulfill the requirements for a collegiate degree.

First Year.	*Second Year.*
Mathematics, Courses I., II., III	Courses IV., V.
Chemistry, Courses I., II., III.	Courses IV., V., VI.
Modern Language, Courses I., II., III., or IV., V., VI.	
English, Courses I., II., III.	
Drawing, Courses I., II., III.	Courses IV., V., VI.
Physics,	Courses I., II., III.
Surveying,	Course I.
Elementary Mechanics,	Course I.

SELECTION OF ELECTIVES.

In all technical schools the subjects of the first year are substantially the same in all branches of Engineering. These subjects are fully covered by equivalent courses in this college and can be pursued here as successfully as elsewhere. In the second year the courses diverge somewhat, and in order to meet the requirements for special branches of engineering, the student is advised to select his electives as follows:

For Mechanical, Electrical or Civil Engineering, from the department of Mathematics and Physics; for Civil Engineering, Geology should be added.

For Mining Engineering, from the department of Chemistry and Geology.

For Sanitary and Chemical Engineering, from the departmetn of Chemistry and Biology.

COURSES IN AGRICULTURE, DOMESTIC SCIENCE, ETC.

By an arrangement with the Ohio State University students desiring to take a four years' course in Agriculture, Horticulture, Forestry or Domestic Science, may take two years at Muskingum and complete the course in two years at Ohio State.

The following arrangement of courses has been approved by the Faculty of the College of Agriculture of the Ohio State University:

THE FOUR YEAR COURSE IN AGRICULTURE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE.

A student who has received college credit for the one hundred and eight credit hours of work outlined below would

be able to complete the Course in Agriculture at the University in two years, as he would have to pass off only sixty eight semester hours of the more technical work of the course.

College work for which the student should have credit at entrance in order to complete the requirements for the degree in two years:—

Subject.	*College Term. Credit Hours*
Chemistry	12
Zoology	9
English	6
Geology	9
Botany	12
Physiology	9
Modern language	12
American History or Economics	9
Other College Work	30
	108

A student offering the above 108 hours college credit will be required to complete the following work in the University before being granted the degree of Bachelor of Science in Agriculture:

Subject.	*University Semester Credit Hours*
Animal Husbandry (101-102)	8
Drawing (125)	2
Shopwork (101-102)	4
Agricultural Chemistry (103-104)	10
Agronomy (101-4-6)	12
Entomology (107-108)	6
Dairying (101)	4
Horticulture (118)	4
Meteorology (101)	2
Junior Elective	8
Rural Economics (103-104)	8
	68

THE FOUR YEAR COURSE IN HORTICULTURE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN HORTICULTURE.

To complete the work for this degree in two years at the University the student should have college credit upon entrance

for the same 108 hours' work mentioned under the Course in Agriculture. He would then be required to take in this college the following:—

Subject.	*University Semester Credit Hours*
Horticulture (101-2-3-4-5-6-7-8-9-10)	37
Drawing (125)	2
Shopwork (101-2)	4
Agricultural Chemistry (103-104)	10
Entomology (107-108)	6
Physiological Botany (125-126)	8
Agronomy (104)	4
Meteorology (101)	2
	73

THE FOUR YEAR COURSE IN FORESTRY LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN FORESTRY.

To complete this course in two years, at the University the student should have college credits at entrance for the 108 hours mentioned above except that 16 hours of Modern Language are required and Mathematics (college algebra and trigonometry) should be substituted for Zoology. Physics should be elected if possible.

To complete the course the following work would then be required:—

Subject.	*University Semester Credit Hours.*
Drawing (101)	4
Forestry (101-2-3-4-5-6-7-8-9-10)	29
Entomology (109-10)	6
Advanced Botany (117-118-125-126)	18
Meteorology (101)	2
Civil Engineering (121)	6
Agronomy (104)	4
	69

THE FOUR YEAR COURSE IN DOMESTIC SCIENCE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN DOMESTIC SCIENCE.

In order to complete the required work for this degree in two years at the University the student should have college

credit at entrance for at least 106 hours of work which must include the following subjects:—

Subject.	*College Credit*	*Term Hours.*
General Chemistry	8	12
Organic Chemistry	5	8
Zoology or Botany	6	9
Modern Languages	16	24
Physiology	6	9
Economics	5	8
English	4	6
Elective Subjects	20	30
Total	70	106

TEACHERS NORMAL COURSE.

Sincerely desiring to be of service to that large number of young men and women who are looking toward teaching as a calling, and who do not feel themselves able to meet the expense of a complete college course, Muskingum College offers the following course of study, on the completion of which the students receive a Teacher's Normal Diploma and a certificate, testifying to the work done. The prerequisite to this course is the Academy course or a first grade high school course. It can be readily seen that this course contains all the subjects ordinarily taught in elementary or high schools.

The completion of the Normal course will be an excellent preparation for teaching in the elementary schools, high schools and academies.

Those who enter for this course have all the privileges enjoyed by other students, and are under the same regulations.

We are confident that it will be a great benefit to any teacher to thoroughly complete this course. The teacher who has a true ambition and a high ideal will, however, desire to go on from this point and complete one of the other courses. Full credit will be given on the other courses for work done in this. After completing this course the student can complete either the Scientific or the Philosophical course in two years, or (by some extra work in Greek) the Classical course in two years.

TEACHERS' NORMAL COURSE.

The Freshman Year.

Biology	Courses I., II. and III.
Latin or German	Courses I., II. and III.
English	Courses I., II and III.
Psychology (Elem.)	Course I.
Bible	Course II.
Chemistry	Courses I. and II.

Elective, three hours.

The Sophomore Year.

Psychology	Courses II., III. and IV.
History of Education	Courses X., XI and XII.
Bible	Course III.

Elective, eight hours.

The electives chosen will depend on the work one expects to teach.

Statement of Departments

DEPARTMENT OF BIBLICAL SCIENCE.

President, J. Knox Montgomery.
Assistant, Professor John Irwin Stewart.

The aim of this department is to awaken in the student a love for the English Bible and give him a comprehensive view of its contents; to lead the student to appreciate the Bible as most interesting and profitable literature. The Bible itself is the principal textbook.

Its divine origin gives it a rank above all other books. For mental training its infallible truths are superior to all mere human knowledge. Its literature is the inspiration of all the world's best literature. As history it reveals God as the author of all things from the beginning. It reveals God's methods in history for three thousand years. It challenges the obeisance of all human thought and action. It reveals the only perfect code of morals, and is the final test of ethical philosophy. It is the source of all spiritual life and growth when applied and sealed by the Holy Spirit, its divine author.

These propositions are assumed and acted upon at Muskingum. Hence we make the Bible the textbook of all the classes, and we seek to make the Bible Course the unifying course of all sound learning. We study the Bible itself and not the books about the Bible. Few helps are used and these only so far as they aid in the study of the Bible itself. We follow the historical thread from Genesis to Revelation. We do not teach Systematic Theology, while we do emphasize the great fundamental truths of Revelation. We do the same sort of drill work in the Bible classes as in other departments of Study. We assume the infallibility and inspired nature of the Book from the very beginning; we do not count it a common textbook. We hold that no education is complete which has no comprehensive knowledge of divine truth to give complexion to all else.

COURSE I.—SENIOR PREPARATORY—

Patriarchal and Hebrew History, from the Creation to Solomon. One hour per week through the year.

COURSE II.—FRESHMAN CLASS—

Hebrew History, together with Poetry and Prophecy. One hour per week through the year.

COURSE III.—SOPHOMORE CLASS—

Continuation of Course II, and beginning the Life of Christ. One hour a week for the year.

COURSE IV.—JUNIOR CLASS—

Life of Christ. The Four Gospels. One hour a week for the year.

COURSE V.—SENIOR CLASS—

The Propogation of the Gospel, the Acts and Epistles. One hour a week for the year.

Special attention is given to Bible Geography and contemporaneous history.

DEPARTMENT OF LATIN.

Professor T. H. Paden.
Assistant, Miss Della Lorimer.

Latin is a required study in the Freshman and Sophomore years. Throughout the course Latin Literature will be studied. The following courses or their equivalents will be offered:

I.—LIVY OR TACITUS.—

Fall term of the Freshman year, three hours a week.

II.—SELECTIONS FROM THE LATIN AUTHORS—

Pliny, Seneca, Ovid, Catullus, etc. Winter term of the Freshman year, three hours a week.

III.—CICERO'S ESSAYS.—

De Senectute or De Amicitia. Spring term of the Freshman year, three hours a week.

IV.—HORACE.—

Selections from his Odes, Epodes, and Satires. Fall term of the Sophomore year, three hours a week.

V.—LATIN COMEDY.—

Plautus' Mostellaria. Winter term of the Sophomore year, three hours a week.

DEPARTMENT OF POLITICAL PHILOSOPHY.

Professor T. H. Paden.

The purpose of the course in Political Philosophy is that the student may master the first principles of the different departments of this science, and may study the application of these to the life of society. The following courses are offered:

I.—ECONOMICS—

"Introduction to the Study of Economics," by Bullock will be used as the basis of the work in this course. Fall term of the junior year, three hours a week.

II.—MONEY.—

The theory of money and the history of its circulation. Paper Money, especially a history of the different kinds of paper money in the United States. Winter term of the Junior year, three hours a week.

III.—SOCIOLOGY.—

An Elementary work on Sociology is used as a basis in this study. Spring term of the Junior year, three hours a week.

IV.—POLITICAL SCIENCE.—

A Study of the State—its origin, its forms and ends. A comparative study of the Constitutions and Constitutional Law of the four leading States of the world; Great Britain, Germany, France, and the United States; Burgess' Vol. I., Sovereignty and Liberty, Christian Civil Government, McAllister. Fall term of the Senior year, three hours a week.

V.—COMPARATIVE POLITICS; MUNICIPAL GOVERNMENT.—

A study of the problems of modern municipalities and local governments, Goodnow and Shaw. Winter term of the Senior year, four hours a week.

VI.—THE ELEMENTS OF INTERNATIONAL LAW.—

This course will be devoted to the study of the law of peace, the law of war and the law of neutrality. Spring term of the Senior year, four hours a week.

DEPARTMENT OF HISTORY.

Professor J. I. Stewart.

I. II. III.—EUROPEAN HISTORY AND INSTITUTIONS.—

Special attention will be given to social, and economic conditions as well as to religious and political questions. The Development of Modern Europe by Robinson and Beard will be used as a guide in these courses. Freshman year, three hours through the year.

IV.—BIBLE HISTORY.—

A general survey of Bible History will be given the Spring term of the Sophomore year, three hours a week—Blaikie.

V.—ECONOMIC HISTORY OF THE UNITED STATES.—

A careful study of the development of American commerce, industries, and general Economic conditions will be made from the colonial period to the present time. Bogart's Economic History of the United States will be used as a text. Fall term of the Junior year, four hours a week.

VI.—CONSTITUTIONAL HISTORY OF THE UNITED STATES.—

In this course attention will be given to the essentials of our civil development; the origin of our civil system, its principles, its adaptation by amendment and construction, and its interpretation by the courts—Thorpe. Winter term of the Junior year, three hours a week.

VII.—HISTORY OF RECONSTRUCTION PERIOD OF UNITED STATES.—

In this course the History of United States during the reconstruction period—perhaps ten years of the most interesting history of our country—is studied. "Burgess' Reconstruction and the Constitution." Spring term of Junior year, four hours a week.

DEPARTMENT OF PHILOSOPHY AND EDUCATION.

Professor John Coleman.
Professor C. J. Marshall.

I.—ELEMENTARY PSYCHOLOGY.—

This course will have for its object the study of the elements of psychology, especially as they lead to the formation of correct habits of study. The textbooks will be changed from time to time. No credit will be given for this course unless taken in class. Freshman—all courses, Fall term, 4 hours.

II.—PSYCHOLOGY.—

A study of the laws and phenomena of the mind. The relation of mental to neural life, the development of habit, memory, and imagination, and the nature and place of instinct, emotion, and will are considered. Enough attention is given to abnormal psychology to enable the student to recognize the presence of abnormal conditions. Text, James' Psychology (Briefer Course). Required readings with reports. Junior, Fall term, 4 hours.

III.—SOCIAL PSYCHOLOGY.—

A scientific study of the social factor in the development of the mind and in the explanation of its contents. Leads to the consideration of many social questions from a new viewpoint that is both interesting and enlightening. Text, Ross' Social Psychology, which is the best English development of Gabriel Tarde's famous Lois de l'imitation. Reports on outside reading and investigation required. Junior, Winter term, 4 hours.

IV.—GENETIC PSYCHOLOGY.—

An investigation of the development and organization of the personality. The child is considered as a member of society and

as finding himself and his powers of intellect, conscience, etc. through interaction with his fellows. The course is intended as an aid to those who are finding their life-work in the field of education and as a preparation for a more thorough understanding of ethics. Text, Baldwin's Social and Ethical Interpretations. Elective for Juniors, Spring term, 4 hours. (Course not given in 1912-1913.)

V.—THEORETICAL ETHICS.—

The aim is to ascertain the field of responsibility, the elements of the moral nature, the true foundation of virtue, and from these an adequate conception of human obligation. The great systems of ethical philosophy are considered and one distinctively Christian proposed as an ideal. Textbook and library work on assigned topics. Senior, Fall term, 4 hours.

VI.—PRACTICAL ETHICS—

A companion course to the preceding which is a prerequisite. The effort is made to show by induction from concrete cases the sufficiency of the Christian standard of morality and its solution of marginal questions in practical life. Senior, Fall term, 1 hour.

VII.—HISTORY OF PHILOSOPHY.—

A study of philosophical theory from the time of Thales to the day. Special attention is paid to the interaction of philosophical developments and social conditions; also to the fundamentals which philosophy supplies to psychology, sociology, ethics, educational theory, and the physical sciences. Text, Roger's Student's History of Philosophy, with assigned readings. Elective for Seniors, Winter term, 3 hours; Spring term, 4 hours.

VIII.—NATURAL THEOLOGY.—

An investigation of the ways in which reason and the works of nature prove the existence and the wisdom and goodness of God. The common arguments are presented in the form demanded by modern thought. Text, Valentine's Natural Theology Senior, Spring term, 3 hours

IX.—EVIDENCES OF CHRISTIANITY.—

The object of this course is to present the most generally accepted evidence of the fact that Christianity is a divinely revealed religion The arguments for the authenticity and credibility of the Bible, and the arguments from miracles, prophecy, the fruits and the spread of Christianity are examined. Senior, Fall term, 3 hours.

EDUCATION.

One aim of the courses of this department of education is to trace the advance in educational theory, methods, institutions and curricula, together with the underlying philosophy. Changes in the social, religious, cultural, and industrial spheres are noticed in so far as they affect education in any of its phases.

X. The history of education in China, Greece, and Rome, and of the Middle Ages will be studied. Collateral readings and theses on assigned subjects will be required. Senior elective, Fall term, 4 hours.

XI. The ideals formulated during the Renaissance and Reformation periods together with the underlying principles of the Realistic and Naturalistic tendencies will be studied. Theses and readings. Senior elective, Winter term, 4 hours.

XII. During the last term the Psycological, Scientific, and Sociological tendencies will be studied, emphasizing the beginnings of the theories, principles and methods that are received as best by the educational world of today. The lives of the great teachers will be studied with care. Senior elective, Spring term, 4 hours.

DEPARTMENT OF ENGLISH.

Professor Leonard J. Graham.
Assistant, Miss Beulah Brown.

I, II, III.—COMPOSITION.—

This course consists of a vigorous practice in theme-writing, text book work, and conferences. During the fall and winter terms much of the work will be based on literary models selected from both English and American literature. Required of Freshmen. Text-book, Scott and Denney's Paragraph-Writing. Four hours, Fall and Winter. Two hours, Spring.

IV.—STUDY OF WORDS.—

Prescribed for Sophomores of the Philosophical course and for the Freshmen of the Classical course. Text, Greenough and Kittrege's Words and Their Ways in English Speech. Fall term, three hours

V.—A STUDY OF PROSE FICTION.—

Professor Perry's text-book is supplemented by a careful reading and criticism of selected novels. Required of Sophomores. Winter term, three hours.

VI.—CHAUCER.—

The Prologue, The Knight's Tale, and others. The course

includes a study of the language,, life and literature of his day. Spring, three hours.

VII.—LITERARY CRITICISM.—

A study of masterpieces in prose and verse, using Winchester's text-book as a guide. For Juniors. Elective. Three hours. Fall term.

VIII.—MILTON AND OTHER SEVENTEENTH CENTURY POETS.

Epic poetry will receive special attention. A study of the Puritan movement is also included in the work of the term. Junior. Fall term, three hours.

IX.—ADVANCED RHETORIC.—

This course provides for a study of the whole theory of effective discourse. Provision is also made for criticism and construction. Each student will prepare at least one thesis during the term for public recital. Junior, Winter term. Four hours.

X.—DRAMATIC POETRY.—

Special attention is given to the elements of the drama, to its origin and development. At least four of Shakespeare's dramas are to be read and studied in class. His life and his technique as an artist receive attention. Other dramas are read out of class. Junior. Spring term. Three hours.

XI.—LINGUISTICS.—

Prof. W. D. Whitney's "The Life and Growth of Language" is used as a text book in this course. Senior (elective). Fall term. Three hours.

XII.—THE ESSAY AND THE SHORT STORY.—

The nature and the history of these forms of literature are studied. In the study of the essay Sherwin Cody's "A Selection From the Best Essays," will be used. Written exercises and reports will be required. Four hours. Senior. Spring term.

See also courses II., III., IX., described under Department of Oratory.

DEPARTMENT OF ASTRONOMY, MATHEMATICS AND LOGIC.

Professor J. A. Gray, Ph. D.

I.—ASTRONOMY.—

The aim will be to understand in a reasonable degree the evidence by which some of the most interesting and really as-

tounding propositions are maintained. Analytics a prerequisite. Senior year. Winter term, four hours.

II.—COLLEGE ALGEBRA.—

Logarithms, Interest and Annuities, Choice and Chance, Variables and Limits, Theory of Equations. Required for degree of B. S. Freshman Year, Spring term, four hours.

III.—PLANE TRIGONOMETRY.—

Trigonometrical Functions, Geometry, Plane Triangle. Required of all Freshmen. Fall term, four hours.

IV.—SPHERICAL TRIGONOMETRY.—

Spherical Triangles, Applications to Astronomy. Required of all Freshmen. Winter term, four hours.

V.—ANALYTICS.—

Application of rectilinear and polar co-ordinates to conic sections, etc. Required of all Freshmen for degree of B. S. Spring term, four hours. For the degree of A. B., and Ph. B. either College Algebra or Analytics is required.

VI—SURVEYING AND NAVIGATION.—

Land Surveying, Leveling, Railroad Curves, Plane Sailing, Parallel Sailing, Great Circle Sailing. Junior year, fall term, four hours.

VII.—CALCULUS.—

Differential and Integral. Junior year, Winter term, four hours.

VIII.—LOGIC.—

Fundamental Laws of Thought, the Notion, Concept, Division, Definition, Deduction, Reduction, Modified Forms, Fallacies. Junior year, Spring term, four hours.

DEPARTMENT OF GREEK.

Professor C. J. Marshall.

(Those not offering Greek for entrance credits may arrange to take it in the college.)

It is generally recognized that a broad and liberal culture demands a knowledge of the Greek language and literature, so an effort will be made to give the student an appreciation of the Greek language as a medium of thought and of the Greek literature in poetry, history and oratory. The history of Greece and those elements of Greek life and character and philosophy which have had the most influence on modern thought and culture will be emphasized.

COURSES I. , II. AND III.—

White's First Greek Book, two terms. Xenophon's Anabasis, one term. During the first two terms an effort is made to secure the mastery of essential inflections, the acquisition of a good working vocabulary and familiarity with the irregular forms of verbs. The object in the Spring term is to lay a solid foundation in the general principles of Greek syntax.

COURSES IV., V. AND VI.—

Xenophon's Anabasis, four books completed, two terms; Plato's Apology and Crito, one term. Grammar and prose composition are prominent during the first two terms. The third term affords opportunity to study the life and character of Socrates and his contemporaries.

COURSE VII.—HOMER'S ILIAD.—

Attention is given to the Homeric dialect, Prosody and Grecian Mythology. Seymour School Iliad. Guerber's Myths of Greece and Rome. Falll term, three hours.

COURSE VIII.—LYSIAS' ORATIONS.—

Selected Orations. Review of Grammar. Study of Athenian court practice. Wait's Lysias. Winter term, three hours.

COURSE IX.—DEMOSTHENES' DE CORONA.—

Study of Grecian oratory and the history of the period. Spring term, three hours.

COURSE X.—GREEK TRAGEDY.—

Assignment for 1910 Euripides' Medea. The Greek stage and development of the drama are studied, using Jebb's Greek Literature in connection with required readings and thesis. Scansion. Fall term, three hours.

COURSE XI.—GREEK COMEDY.—

Aristophenes' Clouds. Continuation of the study of Greek Literature. Winter term, three hours.

COURSE XII.—GREEK TESTAMENT.—

Reading equally divided between gospels and the epistles. A careful study of the grammatical difficulties of Biblical Greek. Sight reading. Spring term, three hours.

DEPARTMENT OF FRENCH.

Professor Mary Sharp.
Assistant, Mary Elizabeth Stewart.

I. AND II.—ELEMENTARY FRENCH.—

Fraser and Squair's Grammar. Careful drill in verb forms,

dictation, conversation. Fall and Winter terms, four hours per week. Junior Classical and Scientific. Sophomore ph.

III.—COMPOSITION.—

Reading of such texts as Le Voyage de M. Perrichon, Le Gendre de M. Poirer, etc. Much attention paid to idioms. Constant drill in pronunciation. Conversation. Sight reading. Spring term, four hours. Junior Classical and Scientific. Sophomore ph.

IV.—REVIEW OF GRAMMAR.—

Nineteenth Century prose writers. Sight reading. Dictation. Conversation. Fall term, four hours. Senior sc. and cl. Junior ph.

V.—LITERATURE OF THE EIGHTEENTH CENTURY.—

Reading of easy texts out of class with resumes of the same. Conversation. Winter term, four hours. Senior sc. and cl. Junior ph.

VI.—SEVENTEENTH CENTURY WRITERS—

Accompanied by a brief History of French Literature. Spring term, four hours per week. Senior sc. and cl. Junior ph.

VII.—REPRESENTATIVE POETRY.—

A study of the longer poems of De Musset, Hugo, Lamartine, etc. Senior Philosophical. Fall term, three hours. Elective.

VIII. AND IX.—ADVANCED FRENCH PROSE—

Weekly themes. Composition. Conversation. Winter and Spring terms, three hours per week. Elective.

DEPARTMENT OF GERMAN.

Professor Mary E. Sharp.
Assistant, Mary Elizabeth Stewart.

The object of these courses is to give a knowledge of the elements of syntax and composition and facility in reading and speaking the German language. The first courses are elementary in charcter and as they advance the study of the literature claims increasing attention. Supplementary reading is encouraged and themes are required to be written in German from topic assigned which require independent work.

I. AND II.—ELEMENTARY GERMAN.—

Includes daily reading, composition and study of grammar. Frequent exercises in dictation. Bacon's German Grammar. Fall and Winter terms, four hours. Junior cl.

III.—COMPLETION OF GRAMMAR.—

Diction. Bacon's Im Vaterland. Sight reading. Conversation. Spring term, four hours. Junior cl.

IV., V. AND VI.—ADVANCED GRAMMAR.—

Composition Reading of recent German prose and simple lays of Lessing, Goethe or Schiller. Sight reading. Daily conversation based on the reading. Throughout the year, four hours. Senior cl.

VII. AND VIII.—SCHILLER.—

His life, works and times, with selected readings from his lyrics, prose and dramas. German prose composition—Pope. Conversation. Fall and Winter terms, three hours. Freshman sc.

IX.—RAPID READING OF MODERN GERMAN DRAMAS.—

Pope's Prose Composition. Conversation. Sight reading, Spring term. Three hours. Freshman sc.

X. AND XI.—GOETHE—

His life and works. Parallel to courses seven and eight. Rapid reading, out of class, of simple German stories with resumes of the same in German. Fall and Winter terms, three hours. Sophomore sc.

XII.—CONTINUATION OF COURSE IX.—

Being devoted to more difficult Modern Dramas. Study of the Dramas from a literary standpoint. Spring term, three hours. Sophomore sc.

XIII.—A RAPID READING COURSE IN SCIENTIFIC GERMAN—

To enable students to read with facility German work on Chemistry, Biology, etc. Elective for all students having had five terms of German and recommended to scientific students especially. Spring term, three hours. Elective, sc.

DEPARTMENT OF PHYSICS.

Professor John Glenn Lowery.

The courses offered in Physics are designed to meet the requirements.

(1.) Of those who should pursue this subject as a part of a liberal education.

(2.) Of those who wish a thorough preparation for the teaching of this subject in secondary schools,

(3.) Of those who are looking toward a higher degree in science courses, and

(4.) Of those who expect later to enter professional technical schools.

ELEMENTARY PHYSICS.—

A year's work based on Millikan and Gœale and consisting of lecture demonstrations accompanied and reviewed by class recitations on questions, problems and theory. Class room work four hours per week and co-ordinated laboratory exercises two hours per week in each course. Each course four hours credit.

This year's work is required of all candidates for degrees who do not offer entrance Physics. Also required as a prerequisite to all other Physics courses.

(1.) Mechanics, Molecular Physics and Heat—Fall Term.
(2.) Magnetism and Electricity—Winter Term.
(3.) Sound and Light—Spring Term.

GENERAL PHYSICS.—

A general survey of the fundamental principles of Physics, emphasizing the historical development of the science and the principles of it as they are related to and underlie the facts and phenomena of daily experience, not imparting information merely but setting before the student a large and compact body of truth obtained by a method that shall remain for him through life a pattern of clear and correct thinking. Prerequisite for this course. Freshman Mathematics and Elementary Physics.

I.—MECHANICS, PROPERTIES OF MATTER AND HEAT.—

Recitations on theory and problems accompanied by demonstrations and lectures; laboratory exercises by the students to exemplify and verify the theory, affording at the same time valuable experience in the manipulation of apparatus. Class work based on Crew's General Physics, four hours per week. Laboratory exercises using Ives' Anotated List as a guide, two hours per week. Fall term, Credit: four hours.

II.—MAGNETISM AND ELECTRICITY.—

A continuation of the above class room and laboratory work. Winter term. Credit: four hours.

III.—SOUND AND LIGHT.—

A continuation of the above class and laboratory work. Spring term. Credit: four hours.

IV., V., VI.—PHYSICAL MEASUREMENTS.—

An advanced laboratory course involving the important principles of Physics. Approximately one fourth of the time will be devoted to the consideration of the theory underlying the experiment, the development of the principles involved and the solution of problems closely related thereto. Miller; Laboratory

Physics with assigned references to other texts. Three double periods per week, Fall, Winter, and Spring Terms. Three credit hours each term.

VII.—TEACHERS' PHYSICS.—

A training course for those who expect to teach the subject in secondary schools. The student is assigned work in preparing demonstrations, assembling laboratory apparatus and is to assist in the oversight and direction of laboratory sections assigned him. One hour per week is devoted to a consideration of important topics of the subject matter, to the pedagogy of the subject, to equipment, texts, etc. Credit: one hour each term.

DEPARTMENT OF BIOLOGY.

Professor Earl Ruskin Bryant.

The courses in Biology are planned with the purpose in view of training the student to greater accuracy in observation, expression and conclusion. The desire is to enable the student to build up knowledge of the sciences of Botany and Zoology and through these studies to catch something of the spirit of the naturalist in general attitude toward animate nature. All these courses are foundational to the various applied biologies such as agriculture, domestic science and medicine.

I. General Biology ..... 4 hours
II. General Biology (Zoology largely) ..... 4 hours
III. General Biology (Botany largely)..... 4 hours

This is a foundational course for Freshmen, serving to acquaint the student with the fundamental principles of plant and animal life and with modern methods of laboratory work. It is well fitted both as a training to the student who decides to continue further study in biology, and also to the student who can give time for only one year of College Biology. Course II will tend to specialize on animal study; course III on plants. (Prerequisite to other Biology courses after 1912-1913). Text—Parker's Biology.

IV. Botany (structure) .. .. 4 hours
V. Botany (physiology) ..... 4 hours
VI. Botany (ecology) ..... 4 hours

This course is for the student wishing to continue more deeply the study of biology as a pure science, but is also a requirement to agricultural courses and is very essential to a medical course. We wish to call attention to the rather recent discovery

of the vast importance of Botany both as an economic and pedagogical factor. (This course alternates with Zoology, Botany coming 1912-1913). Text—Coulter, Cowles & Barnes—Botany.

VII. Zoology (Fall) .. .. 4 hours
VIII. Zoology (Winter) .. .. 4 hours
IX. Zoology (Spring) ..... 4 hours

This course includes the study by laboratory, field and text, of representative animals. Each student will be required to report in good form on the morphology, physiology and ecology of some animal chosen by the student; the report to be based entirely upon personal observation. (This course will not be given 1912-1913).

X. Physiology and Anatomy (Fall) ..... 4 hours
XI. Physiology and Anatomy (Winter) ..... 4 hours
XII. Bacteriology (Spring) ... . 4 hours

Courses X. and XI. will deal with the great problems of human physiology in a broad comparative way; also with individual and social hygiene. In order to comprehend activities one must know structure. A dissection of the cat will be made to give this knowledge of anatomy.

The Bacteriology will be studied by text book and laboratory methods. This year of work is believed to fit one for better citizenship and is a good preliminary training for the future physician. Text—Physiology—Martin's "Human Body." Anatomy—Davidson. Bacteriology—Newman.

XIV. A teacher's course will be offered to a limited number. One hour a week of lecture and text book work with practical experience in oversight of laboratory classes. The course will run the entire year. Text—Locy: "Biology and Its Makers."

GEOLOGY.

I.—DYNAMICAL STRUCTURE AND HISTORICAL GEOLOGY.—

This course consists of recitation and field work accompanied by collateral reading and themes on special topics. Fall term, three hours per week.

DEPARTMENT OF CHEMISTRY.

Professor Alexander Holland Wright.

I.—ELEMENTARY CHEMISTRY.—

Study of elementary principles with emphasis on the applications of chemistry to agriculture and domestic science. A general culture course. "First Principles of Chemistry" by

Brownlee and others will be studied by recitation and quiz durind three hours per week with laboratory exercises four hours per week. Winter term, three recitations—four hours laboratory —count for four hours' credit.

II.—ELEMENTARY CHEMISTRY.—

Continuation of Course I. Study of non-metals of Course I. is followed by the study of the metals with the view always to the practical applications. Spring term. Three recitations—four hours laboratory—count for four hours' credit.

Courses I. and II. run parallel to the ordinary High School course and should be followed by Courses III.-V. They are not open to those who have High School Chemistry. Are not prerequisite to any advanced courses, and will not be so accredited to other schools.

For the laboratory work the class will be divided into two sections, one composed of the girls who will have their exercises exclusively in "Household Chemistry"; the other of the boys who will have the more general manual that accompanies the text used by the entire class.

III.—GENERAL CHEMISTRY.—

Introduction and study of the principles of chemistry. A good text is mastered by recitation, quid, and examination, and the course is accompanied and illustrated by demonstrations and laboratory. Fall term, three recitations—four hours laboratory—count for four hours' credit. Open to Sophomores.

IV.—GENERAL CHEMISTRY.—

Continuation of course III. Study of acid forming elements, etc. Winter term, three recitations—four hours laboratory—count for four hours' credit.

V.—GENERAL CHEMISTRY.—

Continuation of course IV. Study of base forming elements and the beginning of analysis. Spring term, three recitations—four hours' laboratory—count for four hours' credit.

Note:—Courses III.-V. form the first year of College Chemistry. Comprise the essentials of General Chemistry and furnish a complete study of the laws and principles of the subject. This year's work is intended both for those who have had a year of High School Chemistry as well as those who are beginning the subject. Smith's "General Chemistry for Colleges" and Smith and Hale's "Laboratory Outline" are used as texts. Courses III.-V. are prerequisite to all advanced courses.

VI.—CHEMICAL ANALYSIS.—

Qualitative analysis of the metals. Study of the reactions and methods involved in the separation and identification of the metals, emphasis being laid on getting some quantitative determinations of precipitates. The student will be expected to do the work necessary in the study of the "Theoretical Part" and the "Laboratory Part" of Stieglitz's "Qualitative Chemical Analysis." The analysis of a number of simple mixtures of salts will give practice in the technique of determining the metallic ions. Fall term, recitations three hours — laboratory ten hours per week, count for four hours' credit.

VII.—CHEMICAL ANALYSIS.—

Continuation of Course VI. Study of the acids. Systematic examination for both cation and anion in simple and mixed compounds with the quantitative determination of the precipitate always in view. Winter term, recitations three hours—laboratory ten to twelve hours per week, count for four hours credit.

VIII.—CHEMICAL ANALYSIS.—

Study of the gravimetric and volumetric quantitative determinations of simple substances, ores or mixed salts. Foulk's Quantitative Analysis is used in this course. Spring term, one quiz and recitation—fifteen hours laboratory—count for four hours' credit.

Note:—CoursesVI.-VIII. form the second year of College Chemistry. Preparation is given for all professions as Medicine, Law, Engineering, Agriculture, etc., that have a basis of science. The aim is to make the course as much as possible of a quantitative character. Prerequisite to any advanced work in Chemistry.

IX.-XI.—ORGANIC CHEMISTRY.—

A year's study of the carbon compounds by recitation and laboratory Holleman's text-book is used with Richter's as reference. Laboratory exercises in synthesis and study of the properties of organic preparations. Jones' "Laboratory Outline" is used as a guide. Laboratory equipped for doing high class work. Recitations four hours—laboratory fifteen hours per week. Counts as a four hour course.

Note:—Courses IX. XI. form the third year of College Chemistry. Essential for all students who are going into Medicine, Sanitary Engineering, etc.

XII.—SPECIAL METHODS FOR CHEMISTRY TEACHERS AND LABORATORY ASSISTANTS.—

Consists of a study of text books as to the best ways of presenting topics in recitation and laboratory. Study of the History of Chemistry and of such literature as may be assigned depending on the line of work in which the student may have a need. Each member is to have charge of a table in the chemical laboratory in one of the courses I.-V. during four hours per week. One recitation or quiz per week required throughout the entire course of one year. One credit hour per term.

Note:—Course XII. runs for one year and aims to fit teachers for the practical work of the High School teacher of Chemistry. Admission to the course to those who have completed Courses III.-V. and have the permission of the Professor of Chemistry.

DEPARTMENT OF ELOCUTION AND ORATORY.

Professor Wilbur C. Dennis.

The aim of the department of Elocution and Oratory is to get the student acquainted with the laws that govern effective speaking from both the rhetorical and the expressional sides, and to give him practice in the application of these laws. Thus two things are kept in view as ends: to complete the work of the other departments by developing in the student the power of expressing effectively what he already knows and what he learns in college and to give all working knowledge of a field of human activity that is as old as mankind, the art of oral speech. To widen the field of knowledge and to develop power in the use of all knowledge; these are our aims.

COURSE I.—PRACTICAL PUBLIC SPEAKING.—

This is the introductory course. It takes up the principles of effective speaking with especial regard to the structure of a speech, selection of material, order of arrangement, presentation, etc. The general ends to which speech is devoted are taken up, and the bases of appeal by which these ends are reached are studied and illustrated by the work of the students on the platform. This course or its equivalent will be considered as prerequisite to all others in this department.

COURSE II.—ARGUMENTATION AND DEBATE.—

This course presents the vital principles of argumentation. Analysis and statement of the question, evidence, proof, briefing, inductive and deductive argument, fallacies, refutation—all these and more are studied in class. The class is divided into teams of

three each and regular debates involving the laws studied are held. Each term has at least three or four debates during the term. Class limited. This course must be preceded by Course I. unless by permission.

COURSE III.— ORATORY.—

In this course the work will consist of a study of the style of great orators, their message, their sources of power, etc. There will also be required one formal oration constructed on the principles studied; its length will be from 1200 to 1800 words, and the subject will be selected by the student with the approval of the instructor. In addition there will be one topical speech, one declamation, and as many short speeches as time will permit. This course must be preceded by Course I except by permission.

These courses constitute the required work in Oratory. They are intended primarily for Sophomores but are open to others qualified to pursue them, after permission has been obtained from the instructor. Course I. is given in the Fall, II. in the Winter, III. in the Spring. For other courses see "The School of Expression."

DEPARTMENT OF ENGINEERING.

Professor William Caldwell.

Credit on the following courses may be counted toward a baccalaureate degree when taken in connection with a regular College course. The subjects thus taken may apply either as a part of the required work for a B. S. degree, or as the electives for an A. B. degree. Credit will also be given at the Ohio State University for full value in the Engineering courses. The following courses are offered:—

ENGINEERING DRAWING.

I.—ELEMENTARY MECHANICAL DRAWING.—

This course begins with two weeks' practice in free hand Isometric drawing, followed by one week of Shades and Shadows. Mechanical drawing instruments are now used and thorough practice is given in instrument work. This is followed by geometrical figures, especial attention paid to methods of construction; a drill in single-stroke lettering; Orthographic projections with a study of their interpreting value. Ten plates are required for the term's work. Five hours. Fall term. French's Engineering Drawing. Prerequisite, graduate of accredited high school.

II.—MECHANICAL DRAWING.—

This is a continuance of Course I., taking up projection drawing including Auxilliary views, Sections and Revolutions. This is

followed by problems involving the "true length" of lines and drawing from descriptions. Eight plates are required for the term's work. Four hours. Winter term. Prerequisite, Drawing I.

III.—MECHANICAL DRAWING.—

This course takes up work in Developments and Intersections accompanied with half hour drills in lettering. Pictorial representations are then introduced with a few plates of Isometric drawings from Orthographic projections. The rest of the term is spent on Working drawings introducing standard forms and dimensions of machine parts, assembling and detail drawing, tracing and making of blue prints. Ten plates are required for the term's work. Five hours. Spring term. Prerequisite, Drawing II.

IV.—DESCRIPTIVE GEOMETRY.—

This course deals with the principles of projection and the execution of a number of original problems. Three hours, two recitations and one drawing period weekly. Fall term. Prerequisite, Drawing I.

V.—MACHINE DRAWING.—

This course consists in the sketching of machine parts and preparation of working drawings; detailing of machines from sketches, notes, assembly drawings and assembled machines; tracing and blue printing. Six hours. Winter term. Required of all Sophomore Engineering students. Prerequisite, Drawing III.

VI.—KINEMATICS.—

This is a study of the motion of machine parts and methods of transmission of motion by gears, belts, cams, etc. Six hours, two recitations and four drawing periods weekly. Spring term. Prerequisite, Drawing IV. and V.

ENGINEERING MATHEMATICS.

I.—ALGEBRA AND TRIGONOMETRY.—

This course consists in a combined study of advanced algebra and plane trigonometry. The algebra consists of two weeks' rapid review of elementary algebra; graphics and their relation to equations; quadratics and their graphs; arithmetical and geometrical progression; logarithms. The trigonometry consists of a study of fundamentals with the solution of triangles; relation of the various functions and identities. Fall term. Al-

gebra, three hours, Reitz & Crathorne. Trigonometry, two hours, Ashton & Marsh.

II.—ALGEBRA AND TRIGONOMETRY.—

This is a continuance of the above course. The algebra will consists, principally, of theory of equations; determinants, partial fractions; complex numbers; Horner's method of approximation. The trigonometry is a study formulae; solution of trigonometric equations; oblique triangles. Winter term. Algebra, two hours. Trigonometry, three hours.

III.—ANALYTICS.—

This course consists in the study of the straight line and circle; loci problems; Conic sections; higher plane curves; solid analytics. Five hours. Spring term. Candy's Analytics.

IV.—CALCULUS.—

Differential calculus; fundamental principles; derivatives; applications to geometry and mechanics; maxima and minima; indeterminates; series. Five hours. Fall term. Granville's Calculus. Prerequisites, courses I. and II.

V.—CALCULUS.—

Integral calculus; integration; definite integrals; application to lengths, areas, and volumes. Five hours. Winter term. Prerequisites, course IV.

CHEMISTRY.

Courses I., II., and III. as given under the Chemistry department.

ENGLISH.

Courses I., II., and III. as given under the English department.

MODERN LANGUAGE.

Courses in this department depend upon the language offered for entrance into the college. One year of either German or French is required as a college study.

DEPARTMENT OF PHYSICAL EDUCATION.

Athletic Director, Professor William Caldwell.
Assistant, Walter E. McClure.
Ladies' Director, Edith Patton.

The purpose of this department is to build up a sound, healthy body at the same time the intellect is being developed. The care and development of the body is so essential to the suc-

cess of the student after he has finished his education, that a habit of physical exercise is cultivated by requiring all freshmen and sophomores to enroll in this department. Four credit hours are given for the two years' work. Arrangements are to be made so that every student thus enrolled shall have a physical examination by a competent physician. Statistical cards with record of measurements are to be filled for each student so that progress of development may be noted. The following courses are offered:

Freshman Year.

I.—MEN.—

Free hand exercises, dumb bells, parallel bars; games such as Basket Ball, Volley Ball, Indoor Base Ball, and Hand Ball.

WOMEN.—

Marches, drills, wands and barbells; Games such as Basket Ball, Volley and Hand Ball.

Two hours a week by assignment, first half of year.

II.—MEN.—

Indian Clubs, Horizontal Bar, Tumbling; Games such as Hand Ball, Basket Ball, Out Door Base Ball, Cross Country Relays, and Tennis .

WOMEN.

Calisthenics, gymnastics, and folk games and dances; Games such as Hand Ball, Volley and Tennis.

Two hours a week by assignment, second half of the year.

Sophomore Year.

III.—MEN.—

Parallel Bar, Stall Bars, Tumbling Pyramids; Games such as Football, Soccer, Basket Ball, and Hand Ball.

WOMEN.—

Fancy marches, folk games, Indian clubs; Games such as Volley Ball, Basket Ball, Tennis, and Hand Ball.

Two hours by assignment, first half of the year.

IV.—MEN.—

High Bars, Gymnastics, Tumbling, Side Horse, Flying Rings, Springboard and Mat. Outdoor exercises, cross country runs, swimming tours, track athletics, Base Ball.

WOMEN.—

Gymnastics, Stall Bars, Fancy Drills, Side Horse, Flying Rings; Games such as Hand Ball, Tennis, and Folk Games.

Two hours by assignment, second half of the year.

V.—HYGIENE.—

A course of lectures given by various members of the Faculty on health, morals, etc. One hour a week, entire year.

ATHLETICS.

Students physically able may enter into any two of the College Athletics during the year. Credit for football is given to those who participate in the daily practice and drill in the rudiments of the game. This credit requires an examination on the rules and fundamentals of the game. Besides football, the College has teams in Basket Ball and Base Ball. Arrangements are to be made so that track teams may be developed. The athletics are governed by a student athletic association and a committee of the faculty. Each team has its separate student manager. A fee of $1.00 is collected from each student. This admits him to regular gymnasium classes, the use of the gymnasium for games, baths and floor work at such hours and conditions as may be prescribed by the director and entitles him to the equipment that is furnished by the College when he becomes a representative of the College team. Participants in the various field games must have a passing grade in all their studies and carry at least twelve hours' work.

Department of Correspondence Study

Under the Direction of the Regular College Faculty.

THE PURPOSE.—

Muskingum College recognizes that there are many earnest, capable and ambitious young men and women who desire a college education, but are so situated that it is impossible for them to spend four years in residence at any educational institution. Some have even been compelled to drop out before finishing a high school course. Many school teachers long to be able to complete a college course and take a degree, but are so situated that their desires seem impossible of realization.

The Correspondence-Study Department has been organized with the needs of these persons in mind. If they have both capacity and ambition they may enter the door which Muskingum College now opens and secure the education which they seek. It is proposed to give every man and woman a chance to get a higher education, to enable ambitious persons to study and advance themselves in knowledge, even if under the necessity of gaining a livelihood.

FOR WHOM INTENDED.—

Through the Correspondence-Study Department the College proposes to offer as many as possible of the courses given in its classrooms, so that those who have dropped out of high school or college may continue their studies. Although relatively few of these courses are offered at the present time compared with the number given in residence, yet there are enough to enable any earnest-minded person to get a start, and the number will be increased as fast as a demand arises. The aim is ultimately to give courses for culture, for information, and for vocational training.

This work will, therefore, make a general appeal, but it will be particularly helpful to the following classes:

1. Students preparing for college or professional schools.
2. College students who are unable to pursue continuous resident study.
3. Grammar and high school teachers who cannot avail themselves of resident instruction.
4. Teachers and others who have had a partial college course and wish to work along some special line.
5. Professional and business men who wish to supplement their training.
6. Teachers in country schools who have had little or no normal school work and no college training.

7. Men too old to go to school who find a need for more knowledge in their own professions.

8. Club women who wish to pursue a systematic line of study.

9. That great class of people who are fully occupied with making a living, but who also wish to keep up with the advancement of knowledge and who strongly desire to bring into their lives the element of culture.

TEACHING BY CORRESPONDENCE.—

Experience and the example of the great commercial correspondence schools have demonstrated the fact that many subjects can be taught successfully by correspondence. While some of the special advantages of residence study are lacking, this method has some compensating advantages of its own. In correspondence instruction, self-reliance, industry, initiative, perseverance and kindred qualities are peculiarly encouraged and developed. The teaching is personal and individual. Each student studies and recites the whole lesson and every part of the lesson, and stands in relation to the teacher as an individual, and not as a member of a large class. The advantages of this method for thoroughness and for minute inspection of all of a student's work are obvious.

In addition, in order to supplement correspondence instruction and to minimize so far as possible the peculiar disadvantages and shortcomings of this method of teaching whenever the number of students pursuing the same course in one community or study-center reaches five or ten, each group will have the advantage of an occasional visit by the teacher who handles their correspondence and work at the College.

The work of the Correspondence-Study Department is not designed to conflict with or compete with existing educational agencies, but rather to co-operate with them and, when needed, to supplement them. It is assumed that when a person can he will be in residence at the College, since it goes without saying that this is the ideal method of securing an education and for the majority should be the only method.

GRADE OF WORK.—

Let no one suppose that the Correspondence-Study Method means the lowering of the high standard of work for which Muskingum College is noted nor the cheapening of the College Degree.

Most of the work offered by correspondence is of the regular Academy and College grade. Persons who are unable to spend

the full number of years of residence study required for a College degree may take as much as one-half of the required hours toward graduation through correspondence. But the person who intends to earn a degree in this way should plan well in advance and take counsel with the College authorities concerning such studies pursued in absence. A student should plan to do the latter part of the College course in residence, *i. e.*, at the College, since the studies required in the Freshman and Sophomore years are more generally available for correspondence study.

Normal School graduates, by doing correspondence work and utilizing the residence work of the Summer Session, may thus accumulate credit toward a degree rapidly and effectively.

PROCEDURE.—

The student who wishes to undertake correspondence-study, should first select such course or courses as he may desire to take, and send for application blank. He should fill out the blank with information called for, and return it with required fee to the office of the Extension Division. The necessary text-books, outfit, etc., may also be purchased through the Extension Division if the student so desires.

THE INSTRUCTION.—

Upon receipt of application and fee, the first two lessons will be sent, with instructions for study, and methods of preparation, and directions for returning lesson sheets and reports. Each lesson will be returned to the student with such corrections, explanations and suggestions as may be needed. Lists of books, assignments for reading, and all necessary assistance will be furnished throughout the course, so that no student will be left without adequate aid and guidance. Questions on the subject in hand are at all times encouraged.

BY WHOM PREPARED.—

These courses are prepared by the members of the College faculty, and each represents a definite amount of work corresponding to an equivalence of work done in residence at the College.

THE UNIT COURSE.—

The unit course is divided, where practicable, into forty weekly assignments. Such a course represents at least an amount of work equal to that done in residence at the College in a full five recitation-hour study per week for one-half-year. It is assumed that this work may be done by the average student in

forty weeks on a minimum leisure for study of one hour per day, six days in the week. It is, however, the student's privilege to pursue his studies as rapidly as he is able.

THE LESSON.—

The unit course is divided into assignments. In some courses this assignment may call for but a single lesson report, but in other courses the assignment is divided into four, five, or more lessons. In all cases the assignment represents an average week's work and not an evening's work as at school.

PERMANENCE.—

The department endeavors to make its work thorough and permanent, and the various courses have been arranged in co-ordination with the regular residence work and the Summer session.

EXAMINATIONS.—

Examinations are optional with the student, but are required where credits are sought. These examinations must be taken at the College or under conditions approved by the College.

REGULATIONS.—

1. Students may begin correspondence courses at any time during the year.

2. For admission to the Correspondence-Study Department no preliminary examination is required. The student is required to fill out an application blank, giving such information as may be helpful in adapting the instruction to the personal needs of each student.

3. Students who undertake Correspondence-Study work for College credit must state this fact in advance and comply with all the requirements of the College.

4. For the benefit of the department it is desired that the applicant state fully the purpose he has in view in taking the work, and also in detail such educational advantages, training, or experience as he may have had. The department endeavors to meet the needs of the individual student by advice and suggestion, as well as by formal instruction, but whenever it finds that the course elected is not for the best interests of the student, it reserves the right to reject the application or to advise change or discontinuance.

5. Correspondence students will be expected to complete a unit course within twelve months, two courses within fifteen months, three courses within eighteen months from date of registration.

6. No fee is refunded because of student's inability to enter upon or pursue a course for which he has once registered.

7. Combinations of correspondence study and the residence work of the Summer session are recommended.

COLLEGE CREDIT.

1. College credit can be granted only to students who have met the entrance requirements of the College. Upon satisfactory completion of a correspondence course designed for credit, such persons will be awarded a certificate of credit in the College. Other student's grades will be recorded merely in the files of the department and certificates issued for the same.

2. The maximum credit granted for work done by correspondence study may not exceed one-half the unit hours required for graduation.

3. At the completion of each correspondence-study course for college credit the student shall pass an examination held under the direction of the instructor giving such course, or by some one designated by the College for that purpose.

4. Work taken for credit may not be done by any student while in attendance at any institution of learning.

5. Admission credit is given for courses covering college entrance requirements which are satisfactorily completed and passed by examination.

6. College credit is given for courses of a college grade satisfactorily completed and passed by examination.

7. If the student has a record of residence work in the College, credits gained from correspondence courses are immediately transferred to that record; if not, they are held in the Correspondence-Study Department until the student secures such a record covering one year of study in residence.

8. All courses offered by the Correspondence-Study Department, whether taken for College credit or not, are on a uniform basis in reference to the amount of work covered. Courses which are satisfactorily completed have, therefore, a definite value, and all students who successfully complete such courses will be awarded certificates of the grade in which the work is taken.

EXPENSES.

The tuition for the Correspondence-Study Course is the same as though the student were resident at the College. For an exhibit of tuition fees see pages 26 and 27 of this catalog.

It must be evident to everyone who gives thought to the matter that it will be more expensive to the College to have students in the correspondence courses than in the regular col-

lege classes. Each student and his work must be given special attention and each individual lesson assigned. To cover cost of postage a fee of five dollars will be charged for each course taken.

THE COST ANALYZED.—

No effort is made to put the fees of the Correspondence-Study Department on a money-making basis. The effort is rather to put the fees upon the lowest operating basis. In fact, the fees for the whole College and for every department and division thereof have been fixed by the Board, and are not subject to change or modification by the College authorities. The fees for the Correspondence-Study Department are therefore the same fees exacted from students in residence. The motive is public service, and profit is entirely eliminated.

The correspondence student, while he may carry but two courses at a time and is barred from certain privileges conferred upon students in residence, has this advantage: that he is usually engaged in a gainful occupation or profession, whereas the residence student temporarily suspends his earning power. The correspondence student is earning his own living and at the same time coining his leisure moments into terms of knowledge, culture, power and efficiency.

Academy School

The aim of this school is to provide thorough preparation under the most favorable conditions for the College courses and to lay a solid foundation for a liberal education. The work is arranged, too, so as to meet the requirements of those who are looking forward to a professional or scientific education. Teachers will find the work in this department of special value.

It is a four year course, but upon the approval of the Faculty, bright and ambitions students, by taking extra work each year, may complete the course in three years.

The students receive the benefit of all the facilities and advantages incident to association with a progressive College. The instruction is equally thorough with that done in the College department.

The Academy is on the accredited list of Ohio State University and of the North Central Association of Colleges and Secondary Schools.

SUBJECTS OFFERED.

English—			
Science of the Sentence	1	2	3
Rhetoric and Composition	1	2	3
History of English and American Literature	1	2	3
Classics	1	2	3
Latin—			
Latin Lessons	1	2	3
Caesar and Grammar	1	2	3
Cicero and Composition	1	2	3
Virgil and Mythology	1	2	3
German—			
Lessons and Grammar	1	2	3
Readings and Syntax	1	2	3
History—			
Ancient History	1	2	3
English History	1	0	0
U. S. History and Government	0	2	3
Mathematics—			
Beginning Algebra	1	2	3
Plane Geometry	1	2	3
Solid Geometry	1	0	0
Higher Algebra	0	2	3

Science—

Physical Geography and Agriculture	1	2	3
Zoology	1	0	0
Sanitation, Physiology and Hygiene	0	2	0
Botany	0	0	3
Physics	1	2	3

Note:—The figures denote the Terms as follows:—(1) Fall Term; (2) Winter Term; (3) Spring Term.

STATEMENT OF DEPARTMENTS.

ENGLISH.—

First Year.—In the first year much time is devoted to the careful study of English in its rudiments. It is given to the study of the Science of the Sentence and Elementary Composition.

Second Year—The second year is given to the study of Rhetoric and Composition. Punctuation, diction, style, figures of speech and prosody receive special attention. Theme writing, paragraph writing and impromtu essays are required.

Third Year.—This year's work is a study of the History of Literature, a study of the chief literary periods with their chief characteristics, authors and productions.

Fourth Year.—The fourth year is given to the critical study of literary works required for College entrance.

There is a careful oversight of the work in required reading and an honest effort is made to have it enjoyed.

LATIN.—

The aim of the instruction in Latin is to get a good working vocabulary, to master the inflections and ordinary constructions of the language and to become able to read Latin of the average difficulty with facility. Throughout this course a thorough drill is given in grammatical forms and principles. In poetry attention is given to Scansion and Mythology. The Roman pronunciation is used and its correct use is constantly insisted upon. Throughout the course attention is given to the writing of Latin. The work in this course covers a period of four years as follows;

First Year.—Bennett's Foundation of Latin. Throughout the year, five hours a week.

Second Year.—Towle and Jenks' Caesar, Books, I-IV, five hours a week throughout the year.

Third Year.—Six Orations of Cicero, four hours a week throughout the year.

Fourth Year.—Virgil's Aeneid and Mythology, Books 1-6, four hours a week throughout the year.

GERMAN.—

The aim of this course is to give a ready knowledge of the language and an insight into the life and thought of the German people. German is treated as a living language, and immediate contact is cultivated through various kinds of oral and written exercises. As far as possible the German language is used in the class room and students are urged to continue this outside. The first year consists of drills in grammar, syntax, composition and reading of many short stories. Throughout the year, four hours a week.

Second Year.—Advanced grammar and prose composition. Sight reading. Theme writing. Reading recent German prose and poetry. Throughout the year, four hours per week.

HISTORY.—

Civics—The origin and growth of our government, local, state, national, and also the formation and principles of the Federal Constitution, are studied during the spring term of the second Preparatory year, five hours a week. Prerequisite, United States History.

General History.—A History of the Ancient Oriental Nations and an outline of the Modern Nations of Europe are studied during the second year of the Preparatory Course four hours a week.

MATHEMATICS.—

I. *Beginning Algebra.*—Real success in the higher mathematics depends very much upon a thorough mastery of the rudiments of algebra. For this reason the student who has never studied algebra will be required to study Wentworth's "First Steps in Algebra" for two terms, reviewing and re-reviewing as the instructor may direct. During the third term the pupil studies the first nine chapters of Wentworth's Higher Algebra. Five hours per week.

II. *Plane Geometry.*—Numerous exercises. Four hours per week for three terms.

III. *Solid Geometry*—Numerous exercises. Four hours per week for one term.

IV. *Higher Algebra.*—Simultaneous Equations, inequalities, radical expressions, quadratic equations, ratio and proportion, variation, progression, binomial theorem. Four hours per week for two terms.

SCIENCE—PHYSIOGRAPHY.—

First Year.—This includes a study of the land forms and their relation to life. Recitations four hours per week. One half year.

ELEMENTS OF AGRICULTURE.—

First Year.—Second Half of Year.—A study of the main principles of Agriculture such as will give a general basis for further study of it as a trade subject, but at the same time to present it as a subject that concerns all a human interest subject, one that touches the daily life of the community.

ZOOLOGY.—

Third Year—Fall Term.—A study of the typical forms and general characteristics of animal life.

HYGIENE AND SANITATION.—

Third Year.—Winter Term.—A study formerly taught as a supplement to Physiology, but one of such importance today as to demand thorough study. The best principles of Hygiene and the most practical systems of sanitation are studied, four hours per week.

BOTANY.—

Third Year—Spring Term.—Four hours. Recitation, field work, identification of flowering plants and trees..

PHYSICS.—

Fourth Year.—Three terms, four hours per week, exclusive of laboratory work. The principles, facts and theories of elementary Physics will be set forth through recitations, problems, illustrations and demonstrations. See also the Department of Physics.

NEW CONCORD HIGH SCHOOL.—

The Board of Education of New Concord Village, desiring to give to the resident pupils and to the Boxwell pupils who choose to attend, under the provisions of that law, a good first grade high school course, has made this school, its courses and equipment, the village high school. The Board has elected the Academy teachers as the high school teachers and adopted suitable rules and regulations to have the high school work done in the college buildings.

GRADUATION.—

Students completing sixteen units of work will receive a first grade diploma. The sixteen units for graduation must include

three of English, four of language other than English (not less than two years of any one accepted), one of History, two of Mathematics, two of Science which must include Physics.

ELEMENTARY TEACHERS' REVIEW.

For prospective elementary teachers who desire a review before taking the teacher's examination or before entering upon their work as teachers, a thorough year's review is offered of all the Common Branches, including Theory and Practice, Methods and School Law.

Those who take this work will not find the examination a bugbear or their first experience in teaching so perplexing. A certificate of work done will be given as a testimonial of ability and attainment when desired.

ELEMENTARY TEACHER'S SPECIAL REVIEW.

Fall Term.	*Winter Term.*	*Spring Term.*
Grammar	Grammar	Grammar
Arithmetic	Arithmetic	Arithmetic
Geography	U. S. History	Civics
U. S. History	Physiol. and Narc.	Theory and Prac.
Classics and Hist. Lit.	Clas. & Hist. Lit.	Orthog. & Spell.
	Agriculture	Clas. & Hist. Lit.

Conservatory of Music

FACULTY.

J. Knox Montgomery, D. D., *President.*

Albert Edwin Hosmer, *Director.*
Voice, Chorus, Glee Club.

Mabel Martha Moore,
Head of Pianoforte Department.

Thomas Elwood Griselle,
Pipe Organ, Harmony, Musical History, Counterpoint, and Orchestra.

Norah Robinette,
Violin, Cello and Mandolin.

THE CONSERVATORY'S OBJECT.—

Our object is, primarily, to place before all grades of music students such a course as will thoroughly prepare them for a teacher or virtuoso. Each individual pupil determines largely his or her degree of proficiency by the manner in which they apply themselves to their work, yet, our object is to shape and mould each pupil's education so as to make them see the need of deep, earnest study if they are to become successful men and women of action in the music world.

With this object constantly in view, the courses have been materially strengthened and the whole Conservatory put on a much broader plane of usefulness. New features have been added.

The Conservatory has gone forward artistically, and our marked growth in attendance over last year is the best proof of our healthy condition.

COURSES OFFERED.—

About four years are required to complete any of the following courses, except the last; however, the time required depends largely upon the student's natural ability, hard work and condition of health. These courses are offered: Piano, Voice, Organ, Violin, Theory, Teachers' Course and Public School Music.

REQUIREMENTS FOR GRADUATION.—

All Piano, Voice and Violin graduates are required to take four terms of Harmony, two terms of Counterpoint, one term of ear-training, and three terms of Musical History, also to give a Graduating Recital. Chorus singing is required of all Voice

graduates, Violin graduates are required to play in the College Orchestra, and Piano graduates to do ensemble work in their line of work. A student must have spent at least one year in this institution to be entitled to graduation. Upon the completion of any of the above courses a diploma will be granted for which a fee of $2.50 is charged.

Certificates are granted to those completing the course in Public School Music. Graduates in this course must complete a three term course in Harmony.

VOICE CULTURE.—

This department offers a broad, comprehensive course. Every detail of the work from the very beginning is gone through with, and leads to the highest degree of proficiency. To graduate from this department students are required to be able to play accompaniments in a creditable manner. Chorus work is required of all Voice students who are sufficiently advanced.

Great care is given to a clear, easy emission of tone and the proper placement of the voice. To accomplish this, there must be a proper control of the breath, an elastic throat and a perfect blending and bringing over of the registers. All artificiality is overcome, and instead a natural tone of beauty and brilliancy is developed.

Siebers's Eight Measure Studies are used at first, then follow Concone, Marshesi and others. Songs are given as soon as the individual voice will permit. Scales, chords, the swell and all forms of embellishments are used. The Masterpiece of Vocalization are finally used together with the best songs from the great field of ancient and modern song writers. Selections from the standard operas, oratorios, etc., will be given as the student advances.

PIANOFORTE.—

The course of Pianoforte is so broad and varies so much, according to the indivudual needs of the student, that it is made useless to lay down a specific course. Every student must play fluently all the major and minor scales in their different forms. Arpeggios, chords and octaves must be thoroughlly mastered. Along with these are given studies and etudes selected from the best known writers. Composition from all the Old Masters as well as the modern writers, must be learned and played fluently.

Each pupil is grounded in the general principles of the work, but aim to avoid getting into a "rut," as much as possible, and the field is so broad that this is not hard to accomplish.

ORGAN.—

There is an ever increasing demand for organists who are able to train and conduct choirs. To meet the needs of students who wish to study organ, Muskingum College has installed a fine, two manual instrument for instruction and practice.

The aim of the Organ Department of Muskingum College is to thoroughly equip players for general practical work. To obtain the best results students are advised to begin the study of Harmony and Ear Training at the same time they begin Organ. Before beginning this study a practical knowledge of Piano should be obtained.

The course includes instruction in Manual Touch, Pedal Playing, Registration, Compositions for Church Service, Improvisation, Hymn-Playing, Score-reading, Conducting, and the Art of Accomplishment.

The material used is "Merkel Organ School," "The Organ," by Stainer; "Clemens Pedal Studies," "Nilson Pedal Studies," and compositions from Bach, Guilmant, Rheinberger, Calkin and others.

VIOLIN.—

With perhaps the exception of the Piano, the Violin is the most universally accepted and used instrument. Its capacity for eloquent and varied expression is unrivalled by any instrument in use. Although restricted in the extensive production of harmonious effects, the violin rises to the foremost position as leader in all the qualities of melody and tone, and, more than any other instrument, is the means of cultivating an ear for melody, in both player and hearers.

THEORY.—

Elementary Course.—This course is for beginners and all students deficient in the rudiments of music. The work includes the study of scale construction, intervals, keys, signatures, sight reading and ear training. All who wish to take up the study of Harmony and Counterpoint must first complete this course or pass an examination in this work.

HARMONY AND COUNTERPOINT—

A thorough knowledge of Harmony is of the greatest importance and benefit to every one studying music in any of its branches. The work—Construction and connection of chords, simple part-writing from given bass and soprano, two part, three part and four part counterpoint.

HISTORY OF MUSIC.—

A complete study is made of music from the beginning. Early Christian Music, Polyphonic, Monophonic and the development of Instrumental Music, Opera, Oratorio and Orchestral Music. Biographies of the great musicians, past and present.

PUBLIC SCHOOL MUSIC.—

The aim of this department is to prepare competent supervisors to supply the strong demand for teachers in the public schools of our towns and cities.

The course requires two terms (six hours a week) for completion, and includes Sight Reading, Psychology, Interpretation of School Songs, Terminology, Methods, Notation and Direction.

Before completing the course, students should have at least two terms of Harmony and Ear Training and two terms of private vocal instruction in this institution or give proof of having acquired their equivalent elsewhere.

Students in this course will be given practical teaching experience in connection with the regular class work.

CHORAL SOCIETY.—

The Choral Society is the representative musical organization of the College. Its purpose is to study and present in concert during the school year the oratorios and choral masterpieces. There has been a large attendance this year and much interest manifest.

The advantages of chorus drill are numerous, and the small fee charged bears no comparison to the value of the work.

ORCHESTRA.—

All students playing orchestral instruments who are sufficiently advanced are urged to join the orchestra. Rehearsals are held every week and the experience gained thus in ensemble work is of great value.

RECITALS.—

At frequent intervals the Conservatory Faculty will give recitals at which there will be an examination of the music performed, thus giving the students an opportunity of hearing good music artistically performed.

Public recitals are held regularly at which all grades of pupils from all departments will be given the opportunity to appear before an audience. At the close of each term the Term Recital is given by the most advanced pupils.

As many recitals by outside artists will be given during the

year as can be secured, thus giving the students the privilege of hearing as much first class music as possible.

GENERAL INFORMATION.—

Pupils may enter at any time, but are strongly advised to enter at the beginning of the term.

Beginning pupils will receive special care.

A Musical Library has recently been added to the general library of the College and all music students are urged to make liberal use of it. The whole field of music is covered in this library. There are good weekly and monthly musical magazines to be found in the reading room.

Private lessons in Harmony, Counterpoint, etc., may be had when desired.

A Notation class is open free to all students.

All students are subject to the regular College regulations.

To those desiring more than two lessons a week in any branch, special arrangements can be made.

Students are requested to consult the Director before entering. For further information write the Director. A special catalogue will be sent to any address.

POST-GRADUATE COURSE.—

A special course is offered to graduates, or advanced students of Piano, Voice or Violin, consisting chiefly of acquiring a repertoire. The degree of Bachelor of Music is awarded to those satisfactorily completing the one year course. A fee of $5 is charged.

TUITION, TERMS, ETC.—

Tuition must invariably be paid in advance at the beginning of each term.

Lessons missed by fault of the pupil will not be made up.

In case of protracted sickness, one-half the loss will be borne by the school.

PRIVATE LESSONS.—(Fall Term.)

	Two Per Week.	One Per Week.
Voice with Prof. Hosmer	$26.00	$14.00
Pianoforte with Miss Moore	22.00	12.00
Organ with Prof. Grisselle	22.00	12.00
Violin with Miss Robinette	....	12.00

PRIVATE LESSONS.—(Spring or Winter Term.)—

	Two Per Week.	One Per Week.
Voice with Prof. Hosmer	$22.00	$12.00
Pianoforte with Miss Moore	18.00	10.00
Organ with Prof. Grissele.....	18.00	10.00
Violin with Miss Robinette	....	10.00

CLASS LESSONS.—

	Fall Term	Winter or Spring Term.
Harmony, History or Counterpoint	$7.00	$6.00
Public School Music, five in class..	7.00	6.00
Elementary Course	7.00	6.00

CHORAL SOCIETY.—

Whole year $2.00
One term 1.00

PIANO RENT.—

Pianos may be had at various prices. The ordinary charge for two hours a day for the Fall Term is $4.50 to $4.75; for the Winter or Spring Term, $3.75 to $4.00.

Organ, per hour, 15 cents.

MUSIC ELECTIVES.—

Music may be elected from any of the following courses, and applied on the electives of any of the three regular College courses described elsewhere. The following conditions must be complied with: Credit will not be given for music taken elsewhere. To receive credit for music as an elective, the student must have passing grades entered on the books, of the work on which credit is desired, and also of all prerequisite work.

The student electing music must take at least two lessons per week in any of the following courses, to receive credit.

Students electing music must pay the regular tuition price for lessons in the Conservatory.

The regular Collegiate Course in Piano, Voice and Violin is preceded by a short Preparatory course covering a knowledge of the elementary rudiments of music.

The following courses are offered:

Course 1—Harmony, twice a week, 2 hours credit.
Course 2—Musical History, twice a week, 2 hours credit.
Course 3—Counterpoint, twice a week, 2 hours credit.
Course 4—Piano, 2nd, 3rd and 4th years Collegiate, twice a week. 2 hours credit.

Course 5—Voice, 2nd, 3rd and 4th years Collegiate, twice a week, 2 hours credit.
Course 6—Violin, 2nd, 3rd and 4th years Collegiate, twice a week, 2 hours credit.
Course 7—Public School Music, twice a week, 2 hours credit.

As a prerequisite to courses 4, 5 and 6, the Preparatory and first year Collegiate grades are required; and as a prerequisite to course 7, the first two terms of Course 1 must be taken.

School of Expression

Professor Wilbur C. Dennis.

The School of Expression has in view two departments, viz. speaking and reading. It aims to complete the work begun in the department of Oratory by offering courses in advanced public speaking, voice development, technique of action, and reading. It also aims to make capable readers and reciters of the best literature. Interpretation of things read, not merely "speaking pieces," is the end in view in this latter branch.

The importance of the art of speaking is no longer questioned by any one. The only question is how to attain to proficiency in the art. Following the well known maxim that we learn to do by doing, the method in use in all these classes is the practical method. Students are not taught to imitate anyone, but to be themselves at their best. If individuality and personality count for anything this is the only way to attain success in speaking. Naturalness, ease, complete mastery of the subject, conversational manner in delivery, well managed voice and gesture, putting the subject ahead and the speaker behind—these are the things that make up a good speech or a good reading, and these are the things that we are after in our class work.

For descriptions of other courses in the School of Expression the reader is referred to the Department of Oratory. In addition to the courses there offered, the following are presented:

COURSE I.—PRINCIPLES OF ELOCUTION.—

This course embraces the study of the vocal organs and muscles, respiration, vocal culture, emphasis, articulation and pronunciation, the generic elements of Vocal Expression-Quality, Force, Pitch and Tune—and the technique and conception of action.

Fulton and Trueblood's Practical Elocution is the text. Three hours through the year.

COURSE II.—LITERARY ANALYSIS AND INTERPRETATION.—

Analytic study of literary master-pieces memorizing and interpreting these selections by members of the class and criticisms by the teacher, vocal culture drill in action, rostrum business and sight reading. Three hours. Fall term.

COURSE III.—SHAKESPEARE.—

Analysis, study of character, plot and incident of one of Shakespeare's plays, together with a careful expressional reading

of the entire play and memoriter rendition of the principal scenes. Three hours. Winter and Spring terms.

COURSE IV.—PARLIAMENTARY USAGE.—

A study of Robert's Rules of Order. Then the class will be organized into various societies where questions of the day will be discussed giving the students a practical drill in parliamentary debate and legislation. Two hours. Spring term.

COURSE V.—BIBLE AND PSALM READING.—

Critical study of the text sufficient to insure intelligent reading, and practice in reading before the class. Natural, conversational reading is cultivated, with constant effort to read ideas, not words. Hymn and Psalm reading, with some attention to poetic reading in general. The course is especially recommended to those who expect to take up the ministry, and to any especially interested in church work. Open to all having had courses I., II., and III. Two hours. Winter and Spring terms.

COURSE VI.—DECLAMATION.—

This is to be a study of great orators thru actually reproducing their work. The best things in the history of oratory will be used, selections made from them, and these selections given in class as practice work for the student to help him mould his own style and to give him a feeling for the men and speeches studied. Open on the same condition as VII and VIII.

COURSE VII.—THE OCCASIONAL SPEECH.—

A study of the best after-dinner oratory, commemorative address, obituary oration, dedication speech, president's address, address of welcome, response, etc., etc. Assignments of speeches for special occasions to class and delivery of these extemporaneously, one a week, for each member of the class. Open to those who have had Course I.

PRIVATE WORK.—

The private lessons will be directed to the correction of any special defects, or to work along any special line that the student needs and desires.

DEGREES, DIPLOMAS, ETC.—

The degrees of B. O. will be awarded to those who complete in a satisfactory manner twenty-seven hours of class work in the Department of Oratory and School of Expression, who have had not less than sixty private lessons, and who either hold the degree of A .B. from some recognized college or have, at the time

of the completion of their work in this department, earned enough credits in college to entitle them to the degree of A. B. or its equivalent. However, the work in this department must have been spread over not less than two years, and the B. O. degree will not be conferred except it be preceded or accompanied by the A. B. or equivalent.

The diploma of graduation will be granted to those who are graduates of approved secondary schools, who spend at least two years of resident study here, who complete in a satisfactory manner twenty-seven hours of class work in the Department of Oratory and School of Expression together with certain reasonable work in college classes, such work to be determined by the instructor in Oratory after consultation with the student, and who have had at least sixty private lessons.

ENTRANCE REQUIREMENTS.—

These are the same as those for the regular college courses leading to a degree. In exceptional cases and on special permission, Entrance requirements may be made up after entrance. All are urged to confer freely with the instructor about any matters pertaining to this work. Those who hold the A. B. and B. O. degrees will find very desirable positions in teaching open to them.

TUITION.—

Fall term, fourteen weeks.

Two private lessons a week	$20.00
One private lesson a week	11.00
Single private lesson	1.00
Class work	6.00

Winter and Spring terms, twelve weeks.

Two private lessons a week	$18.00
One private lesson a week	10.00
Single private lesson	1.00
Class work	5.00

Certain courses are made regular Junior and Senior electives and these are open to those who may take them at the same rate as other college classes. College credit is given for all class work. All classes recite three hours a week.

School of Art

Miss Sara Alison Gray, B. S.

Training the eye and hand is an important part of a finished education, and should not be neglected. All need to develop a knowledge of form and color. A course in Drawing and Painting is the best way to do it. Instruction given in China Painting, Drawing anr Crayon in landscape, animals, etc. Landscapes, flowers and decorative painting in Oil and Water Colors. Special attention to beginners. Prang's System of Free Hand Drawing taught. Also drawing from the antique and life. We recommend this course to all, especially to those who are preparing to teach.

Students must have some knowledge of Drawing before attempting to work in Crayon.

Students are required to master the simpler studies before attempting anything difficult. Students will be advanced as rapidly as in the judgment of the teacher is best for them.

TUITION.—

12 hours a week in Oil painting (Fall term)	$12.00
6 hours a week in Oil Painting (Fall term)	6.00
Water Color and China Painting at the same rates.	
12 hours a week in Crayon (Fall term)	10.00
6 hours a week in Crayon (Fall term)	5.00
12 hours a week in Oil Painting (Winter or Spring)	10.00
6 hours a week in Oil Painting (Winter or Spring)	5.00
Water Color and China same rates as Oil Painting.	
12 hours a week in Crayon (Winter or Spring)	8.00
3 lessons a week in Free Hand Drawing (Fall term)	3.00
3 lessons a week in Free Hand Drawing (Winter or Spring)	2.50

Summer School

FACULTY.

J. KNOX MONTGOMERY, D. D., President.

J. G. LOWERY, M. S., Instructor in Department of Physics, Muskingum College; Physics and Pedagogy.

A. H. WRIGHT, A. M., Professor of Chemistry and Biology, Muskingum College; Chemistry and Biology.

MRS. MARY C. McCONAGHA, B. Elo., Assistant in English, Muskingum College; History of Literature, Reading and School of Expression.

BEULAH BROWN, B. Ph., Assistant in English, Muskingum College; Rhetoric and College English.

WM. CALDWELL, B. S., Instructor in Engineering and Athletics. Mathematics and Athletics.

J. I. Stewart, A. M., Instructor in History, Muskingum College; History and Philosophy.

ELIZABETH STEWART, A. B., Assistant in German and French, Muskingum College; German and French.

EDITH ANDRIX, Teachers' College, Columbus University, Primary Methods and Model School.

F. D. GREEN, Superintendent of Schools, Twinsburg, Ohio; Grammar and Geometry.

J. O. EAGLESON, B. S., Department of Natural Science, High School, Cambridge, Ohio; Algebra.

L. B. EDGAR, Commercial and Penmanship Supervisor, Public Schools, New Philadelphia, Ohio; Commerce, Penmanship and Geography.

J. C. STIERS, B. Ph., Superintendent of Schools, Kinsman Ohio; Agriculture and Arithmetic

ELLA STEWART, A. B., Assistant in Latin, Muskingum College; Latin.

MARTHA STRONG, A. B., Assistant in Latin, Muskingum College; Latin and Greek.

S. E. DAW. Superintendent of Schools, South Zanesville, Ohio.

J. A. SLACK, Superintendent of Schools, Adamsville, Ohio.

R. L. MARTIN, A. B., Assistant in Algebra.

G. B. GRISSELLE, Instructor in Muskingum College; Organ and Piano.

A. E. HOSMER, Conservatory Director, Muskingum College; Vocal and Choral.

GRACE McCREARY, Librarian.

BESS LAING, Physical Director for Girls.

The development of the summer school idea is one of the most remarkable features in the progress of education during the last decade. The fundamental demand which they have met is that for better trained teachers. The number of schools and the large enrollment indicate that they fill a real need.

The purpose of these summer schools is by no means met in the preparation of teachers for examination. They offer means of advancement by providing efficient training. Many teachers are unable for financial and other reasons to take a year off from work to attend college and yet the teacher, who is not eager for higher training and promotion which accompanies it, is hardly worthy to teach. The summer school is for the ambitions teacher who recognizes the inadequacy of the equipment obtained in the common school.

The leading professions offer better opportunities today than ever before for the competent teacher. Promotion is limited only by the qualifications of the teacher. The lucrative positions are awaiting you.

It is sometimes maintained that teachers should rest during the summer that the long vacation is a time of sacred idleness not to be employed in intellectual labor of any kind. This is an erroneous idea, for, by a wise combination of recreation and study under proper regulation, it is possible to make summer school work genuinely recreative.

Muskingum College, recognizing the above mentioned need, has amply provided for it by conducting a summer term of eight weeks, beginning usually about the middle of June. Hundreds of teachers have availed themselves of this opportunity and have returned to their work with new inspiration obtained in the class room and from contact with other teachers. Scores have gone away to find the county examinations have ceased to be the bugbear they formerly were. Many have received splendid promotions which they attribute directly to the work done in Muskingum College Summer School.

We have a large number of calls every year for teachers to fill vacancies in the country schools, in the graded schools, and in the High Schools. School Boards in search of teachers look to the summer schools first of all, because they realize the best teachers are to be found there. The men and women found at work during the summer have ambition and energy and are therefore endowed with the elements of success.

OBJECTS OF THE COURSES OFFERED.

In the Muskingum College Summer School.

To equip prospective teachers for all grades of elementary and High School work.

To increase the efficiency of those already in the profession.

To give opportunity to High School students and Academy students to make up work or to do advanced work.

To do college work for those whose time and circumstances demand their doing such work during the Summer terms.

THE TEACHING FORCE.—

It will be noted that the force is adequate to give personal attention to each pupil—something that cannot be said of the larger schools. More teachers will be added if necessary. Quite a number of the teachers belong to the regular college faculty. The others are public school and college men and women who have been chosen because of their sound scholarship and successful teaching experience. They possess special fitness for the work assigned them and they will teach you what you want to learn. "As is the teacher so is the school." These teachers are found to be live and earnest workers in their present positions. That is why they were selected.

NORMAL REVIEWS.—

We have secured for this work instructors who are thoroughly conversant with the needs of the teachers and students and are most efficient and experienced in the work they have been assigned. Sufficient number of divisions will be made for each subject so as to have a practical working number in each and at the same time grade the work to suit the varying needs.

ARITHMETIC—Classes will be arranged to review the subjects by topics using problems from various sources with a view to drilling the students thoroughly on all the vital principals involved and the best way of presenting them in class.

Those desiring work in any particular text are requested to bring them along and they will be freely referred to for material.

GRAMMAR—This subject will be presented as a general review by outline and questions aiming to cover all the practical and difficult points and suggest teaching methods of the same.

Those who want text work only will find a class arranged for that method of study.

GEOGRAPHY—A careful review of the subject with special emphasis upon the more modern phases of the subject. A practical course. One that will be a great help to the beginning teacher.

U. S. HISTORY—A general survey will be conducted by the topic and question method. Any text books may be used as reference.

CIVICS—Will include a course in U. S. Civics and that of Ohio.

LITERATURE—History of English and American Literature will be offered in several sections, both by the outline method and the text book method.

ORTHOGRAPHY—Class work in a good text under a most competent instructor will be offered.

PHYSIOLOGY—A practical and thorough review will be given with illustrations, demonstrations, and experiments from the Biological Laboratory.

PEDAGOGY—A class following the O. T. R. C. text will be conducted. Also a class in THEORY and PRACTICE emphasizing School law and School management. A SERIES of LECTURES are being arranged to be given in the afternoon and evenings on practical subjects of a professional nature. Hon. P. P. Claxton, U. S. Commissioner of Education is one of the speakers secured for this series.

A ROUND TABLE and query box will be conducted several evenings each week, where all are free to bring questions and problems and to take part in discussions, a good place to get help on troubles and difficulties. A place to develop ability to take part in teachers meetings.

SCHOOL METHODS—A course presenting the best methods for all the branches in the various elementary grades will be given by the teacher of the Model School. This will include child psychology in connection with the psychology of the subject considered.

MODEL SCHOOL—This will be composed of children of the village of suitable age for the work presented. The actual work of teaching several grades will be conducted every day so that the actual working out of methods of instruction will be demonstrated and then explained and discussed.

PENMANSHIP—This one of the much needed subjects of our teachers, both for their personal improvement as well as for a systematic and interesting, result—get in the way of presenting it in the Schools.

We have secured one of the best Pennman in Ohio for this work and he is at the same time an experienced Public School man. To teach WRITING RIGHT, one must know HOW to write, how to teach to write and to be enthusiastic about it. "That's him," and he makes others that.

READING—An almost neglected subject by many of our teachers, and for that reason, for the most part poorly taught. Our course is designated to teach you how to read and then how to teach reading. Common errors and personal difficulties will be carefully considered. The kindred subjects of story telling and dramatization so helpful in this branch will be ably presented in this connection.

LITERATURE—Teacher's Literature will be conducted in several sections, presenting both the history of England and American Literature by the outline and question method, also class work in text books. A first-class review for teachers in this subject is the aim.

AGRICULTURE—A subject so recently introduced into our schools by state requirement should receive most careful consideration on the part of those attempting to teach it. The subject matter in itself is not so difficult, but it is such a broad field and so inter-related with other things. Just what to teach and how to teach it will be presented using the topic method. Such subjects as Soil, Weeds, Crops, Plant Enemies, Domestic Animals, Farm Management, Pedagogy of Agriculture, etc. The various topics will be accompanied by demonstrations, observations and experimentations.

We have secured for this work a man of wide practical school experience as a teacher, county examiner and school superintendent. He has had a course in Agriculture for Public Schools in one of our State Universities.

STATE AGRICULTURAL SUPERVISOR for the south east section of Ohio, Prof. J. R. Clarke will be present during the term and address the Summer School on some phases of teaching Agriculture.

HIGH SCHOOL AND ACADEMY SUBJECTS.—

All subjects usually taught in such schools will be presented. Special work will be assigned to those who are taking them with a view of teaching.

The times are demanding of the elementary teachers a preparation beyond the work they assay to teach. The time is near at hand when the equivalent of a first grade High School course will be the minimum. For those who have begun teaching without such preparation the Summer School is a splendid opportunity to get such an education. The spring and summer terms give almost two-thirds of a year's work that teachers can get after their schools close. Increase your efficiency, there are better

jobs awaiting you. Let your motto be, "If others can; others have, therefore I will."

ALGEBRA—There will be classes in Elementary Algebra, Higher Algebra, first half, Higher Algebra, second half, Teachers' Review Algebra.

GEOMETRY—Three classes First half of Plane, second half of Plane and Solid.

GERMAN—Classes will be arranged in first, second and third year work.

LATIN—One or more classes will be arranged in each of the four years' work in this branch as may be demanded.

FRENCH AND GREEK—Work in first and second year studies will be offered.

GENERAL HISTORY—Courses to cover this work are conducted.

LITERATURE AND CLASSICS—The regular Academy and High School courses are offered.

RHETORIC—The usual Academy course is offered. It is substantially the same as the best High School courses in this subject.

PHYSICS—The entire text covered in two sections. The first half in one, the second half in another. Laboratory work with each.

TEACHERS' PHYSICS—A course taking up a careful consideration of the important topics, ways of presenting them, manipulation of apparatus for class room demonstration, conducting laboratory exercises , pedagogy of the subject.

TEACHERS' CHEMISTRY—A general review of High School Chemistry—An outline of High School Chemistry studied from any and all texts, with emphasis laid on the method of presenting the various topics. A study of equipment and management, practice in setting up apparatus, a study of laboratory manuals, teachers are requested to bring their texts and manuals.

TEACHERS' COMMERCE COURSE—A PRACTICAL BUSINESS COURSE—This is a day of rapid addition of practical courses to our High School curricula. Practical business courses are in good demand. Teachers for such work are scarce. Many commercial teachers fail, not because they are not proficient in the subject, but because they lack experience and ability as teachers and disciplinarians. The great need is for good TEACHERS, who can ably handle these subjects.

The instructor we have secured for this work is both a Public School man and a Practical Business College man. He

has served as principal of the Wheeling Business College, was an instructor in a promient Commercial School in the South and is now supervisor of penmanship and the department of commerce in the public schools of New Philadelphia, Ohio.

BOOKKEEPING—The course in commerce will include all the subjects pertaining to business and its transactions Bookkeeping will cover (full time) one year's work. The use of journals, sales book, cash book, ledger, invoice book-statements of business showing resources and liabilities, losses and gains. Law, arithmetic, geography and advertising will be embodied in the work.

SHORTHAND AND TYPEWRITING—The famous Gregg Shorthand—taught in more High Schools than all other systems combined—will be given. The text book work will be the basis with enough practical letters to insure a vocabulary for the general office. Any one wanting full time work in this branch are requested to write the principal.

BUSINESS POSITIONS—Those desiring a course for commercial position will find this exactly suited for their needs.

PUBLIC SCHOOL MUSIC—It is a very pleasing accomplishment and a valuable asset to a teacher today to be able to read music and sing sufficiently to conduct simple exercises in music in her school. Our course in Public School music includes all that is essential in these particulars for a teacher in the Public Schools.

OTHER HIGH SCHOOL BRANCHES arranged for as demanded, write us.

COLLEGE SUBJECTS.—

For those who do not find it possible to attend college regularly we offer quite a number of the regular college courses during the summer term, such as Trigonometry, Political Science, Chemistry, Greek, Latin, German, French, Biology, Philosophy, Science of Education, Advanced English.

In this way many have taken parts of their college course and have thus made it possible to secure a degree. There are many High School teachers with considerable successful experience, who could most profitably take up this line of work and soon secure a college standing. Never has there been a time when there has been such a demand for college men and women, not only in the teaching profession, but in all others. During the last year we have received many more calls than we could fill. If you are prepared we shall be glad to recommend you.

SPECIAL WORK.—

We invite correspondence with reference to any college subjects desired during the summer term. Quite a number of our regular college faculty professors are in town during the summer and can assist in giving quite a variety of courses.

CONSERVATORY OF MUSIC.—

The regular work along this line will be offered during the Summer School. This work consists of regular private lessons in Piano, Voice, Pipe Organ. In addition classes will be organized in Harmony, Musical History, Public School Music and Chorus.

There will be student recitals occasionally open to the public. Term recitals, orchestra, song and piano recitals by the teachers, etc. Write for catalog containing full description of the Conservatory Department.

SCHOOL OF EXPRESSION.—

ELOCUTION—This course is intended for those who wish some knowledge of Elocution as an art and some degree of skill in applying artistic principles to reading and speaking. It will be especially valuable to those who speak or who train speakers. It takes up the fundamental laws of expression, Quality, Force, Pitch, Time, Gesture, Position, etc., and works them out in class in connection with platform speeches.

PUBIC SPEAKING, is designed to help the student acquire a practical working knowledge of extempore speaking. Those who have difficulty in expressing themselves freely in public and those who wish to increase their skill in speaking and in general work with the public will find this course a very practical one.

The private work given in the above subjects will be so ordered as to give just the individual attention to any line of work that the student feels most in need of.

A class in dramatics will be organized and a play presented in costume. Competition for parts open to all.

LECTURES AND EVENING PROGRAMS.—

Arrangements are being made for a series of lectures and entertainments to run as evening programs for the term. They will be of the sort that are entertaining and at the same time highly instructive.

U. S. Commissioner of Education, P. P. Claxton, of Washington, D. C., has already been secured for a series of lectures during the term. It is a rare treat to get to hear such a man.

Dramatic Clubs are organized among the students and home talent entertainments given by them during the term.

The college halls are open for a social and a general good time at the opening of the term, giving a good opportunity for all to get acquainted.

SPRING AND SUMMER TERMS.—

Those students who are compelled to make their way through college will be glad to know that, by attending both the Spring and Summer Terms of the College, nearly two thirds of the work of a college year can be completed.

Special courses will be arranged for those who, on account of their schools closing late, do not get in at the beginning of the Spring Term.

You can get satisfactory work even if you are a few weeks late.

TUITION.—

Normal Reviews for the term	$ 8.00
Normal Reviews with High School or College subjects	10.00
High School or College subjects	10.00

School of Expression.

Private Instruction, one lesson per week	$ 7.00
Private Instruction, two lessons per week	12.00
Private Instruction, three lessons per week	18.00

Conservatory of Music.

Tuition in Piano, Pipe Organ and Voice per term.

One lesson per week	$ 5.00
Two lessons per week	10.00
Three lessons per week	14.00
History and Harmony	4.00

BOARD AND ROOM.—

Nearly all the students board in clubs, which is cheaper than private boarding.

They live just as well and the summer is made pleasanter socially by the acquaintanceship formed in the clubs. The Faculty of the Summer School will gladly arrange for rooms and boarding for students ahead of their arrival. Members of the Faculty will meet all trains when the students are arriving in order that all may be provided for.

Furnished rooms, per week	50c to $1.00
Board, per week	$2.00 to $2.75

The cost of the term need not exceed $30.00.

Commencement Honors, 1911

HONORARY DEGREES.

Doctor of Divinity.

Rev. J. Krudenier ..... Egypt
Rev. A. S. Rogers ..... Rock Hill, S. C.

Doctor of Laws.

Rev. Henry Beets.

GRADUATING CLASS.

Magna Cum Laude

William John Giffen — John Robert White
Arthur Barret Willerton.

Cum Laude

Mabel Claire Miller — Hazel Jane Neff.
Margaret Claire McKelvey — Mildred Marguerite Smith
Dora Belle Whiteley.

Bachelor of Arts.

Howard Teter Bay
Martha Florence Cleland
William Henry Cogley
William John Giffin
James Larmor Graham
Orra Alvena Kerr
Mabel Claire Miller
Mary Grace Montgomery
Robert Clarence Sherrard
John Robert White.
James Claude Wilson

Bachelor of Science.

Nancy Woods Aitken
Walter James Clark
Charles Everett Lemmon
Earl Ramage Lewis
John Martin McClure
Margaret Claire McKelvey
Hazel Jane Neff
Mildred Marguerite Smith
Everett Rutherford Thomas
Eleanor Martha Watt
Dora Belle Whiteley
Arthur Barret Willerton

Bachelor of Philosophy

Mary Lucile McClenahan.

Normal Diploma

Ethel Moore Duff
Ellen Orvella Kays

Master of Elocution.

James Larmor Graham
Earl Ramage Lewis

Bachelor of Oratory

Sylvester Christoph Britton
Jessie Eva Snodgrass
Bessie Mary Summers.

School of Expression Diploma.

Neva Call

Conservatory Diploma

Carrie Gray Purdy
Arthur Louis Purdy
Mary Ethel Ranney
Mary Leila Sproat

Register of Students

COLLEGIATE DEPARTMENT.

Graduate Students Studying for a Degree.

Bickett, John W. (Rev.) ..... Kenton, Ohio
Bickett, Leoti Watt ..... Kenton, Ohio
Westhafer, Francis Marion (Rev.) ..... Hartsville, Ind.

SENIOR CLASS.

Allison, Willard, sc ..... Cumberland, Ohio
Ashenhurst, Edna Hope, sc ..... New Concord, Ohio
Carter, Arthur Levi, sc ..... West Farmington, Ohio
Craig, Katherine Brown, cl ..... Indiana, Pa.
Green, Frank Devine, Normal ..... Twinsburg, Ohio
Harper, Fred Lee, cl ..... Cumberland, Ohio
Harkness, John Paul Jones, cl. ..... Ardara, Pa.
Hunter, Merlin Howard, cl..... Chandlersville, Ohio
Laing Samuel McPherson, cl ..... Ingram, Pa.
McDill, Elsie Rebecca, cl ..... New Concord, Ohio
McFarland, Jeannette, sc ..... Cambridge, Ohio
McLean, Mary Elizabeth, sc ..... East Liverpool, Ohio
Mackay, Callum Nicholson Miller, cl .....Edinburg, Scotland
Martin, Ralph Laughlin, cl ..Lyallpur Punjab, British India
Martin, John Gregory, cl. ..... Lyallpur Punjab, British India
Milliken, Effie Blanche, sc ..... Claysville, Pa.
Milligen, Catherine, Ida, Normal ..... Claysville, Pa.
Patton, Beryl Finnicum, sc ..... Hopedale, Ohio
Patton, Edith Carolyn, sc ..... Columbus, Ohio
Ritchie, Mary Grace, cl ..... New Concord, Ohio
Stewart, Ella Margaret, cl ..... New Concord, Ohio
Strong, Martha Florence, cl ..... Hopeston, Ill.
Taggart, Margaret Agnes, Normal ..... Washington, Pa.
Talbott, John Sherman, sc .....Beverly, Ohio
Thompson, Raymond Lee, sc ..... Jewett, Ohio
Whetstone, Jane Rea, Normal..... New Berlin, Ohio
Woodburn, Wiley Shuman, cl ..... Claysville, Pa.
Wyatt, Knowles, sc ..... New Concord, Ohio

JUNIOR CLASS.

Aikin, Mary Della, cl ..... New Concord, Ohio
Alley, John Dinsmore, sc ..... New Concord, Ohio
Blackburn, Clara Belle, cl ..... Cumberland, Ohio
Clark, Grace Janet, cl ..... Columbus, Ohio
Copeland, Lloyd DeWitt, sc ....720 Center St., Tarentum, Pa.
Craig, Keren Newcomb, sc ..... Indiana, Pa.

Cunningham, Albert Benjamin, cl ..... Bird's Run, Ohio
Fulton, Laura Alice, cl ..... St. Clairsville, Ohio
Gilliland, Adam Raymond, cl ..... Reinersville, Ohio
Laing, Elizabeth Osborne ..... Ingram, Pa.
McBride, Jean Alberta, cl ..... 170 Steuben Ave., Crafton, Pa.
McCann, Louella Jean, cl ..... Frazeysburg, Ohio
McClure, Walter Emerson, sc ..... Boston, Pa.
McClure, Robert Spencer, sc ..... Quarryville, Pa.
McCoy, Daniel Crane, Ph. B. ..... New Sheffield, Pa.
McCreary, Ruth, sc ..... Camden, Ohio
McCreary, Grace Gordon, cl ..... New Concord, Ohio
McNairy, Mary Rachel, cl ..... Thomas, Pa.
McNairy, Cornelius Clark, cl ..... Canonsburg, Pa.
Martin, Elizabeth Marian, cl ....317 Cherry Ave., Altoona, Pa.
Montgomery, J. Knox, Jr..... New Concord, Ohio
Murphy, Paul Raymond, cl ..... Chandlersville, Ohio
Nichol, Mary Alta, sc ..... St. Clairsville, Ohio
Pyle, Mae Jacquette, sc ..... New Concord, Ohio
Reed, Ethel Ellora, cl ..... Canonsburg, Pa.
Smiley, Howard Brownlee, cl ..... East McKeesport, Pa.
Strane, Joseph Lusk, cl .....Reynoldsburg, Ohio
Summers, Bessie Mary, cl ..... R. D. 41, Renfrew, Pa.
Thompson, Marguerite Jay, sc ..701 Lincoln St., Topeka, Kas.
Webb, Norma Lucile ..... New Concord, Ohio
Welch, Edward Willard, cl ..... Burgettstown, Pa.

SOPHOMORE CLASS.

Acheson, Julia Louise, sc ..... Cambridge, Ohio
Adams, Charles McCleary, sc ..... McCleary, Wash.
Ault, Clara Viola, sc ..... St. Clairsville, Ohio
Baggs, James Mahaffey, cl ..... Valencia, Pa.
Bain, Margaret Wilson, cl .... 251 N. King St., Xenia, Ohio
Brown, Lee Robert, sc ..... Scio, Ohio
Caldwell, Margaret Lois, cl ..... New Concord, Ohio
Caldwell, Laura Ethel, cl ..... New Concord, Ohio
Coleman, Maurice Noble, cl ..... New Concord Ohio
Copeland, Samuel Bruce, cl ..... Arnold, Pa.
Donaldson, Harper Collins, sc ..... Carrollton, Ohio
Findley, Winfred Vernon, sc ..... Glenford, Ohio
Fink, Cornelius Winfred, cl ..... Zanesville, Ohio
Forsythe, Glenna Maude, cl ..... New Concord, Ohio
Frazier, Clarence Joseph, sc ..... Frazeysburg, Ohio
Fulton, John Pearson, sc ..... Altitude, Ohio
Gibbens, Chester Arnold, sc ..... Sonora, Ohio
Giffen, Mary Emma, cl ..... St. Clairsville, Ohio

Gillespie, Paul Smith, sc ..... Cambridge, Ohio
Gordon, Marie Estelle, sc ..... St. Clairsville, Ohio
Gray, Eva Elizabeth, cl ..... Zanesville, Ohio
Greenlee, William John, sc ..... Steel, Ohio
Greiner, William Nathan, sc ..... Zanesville, Ohio
Kingan, James Bell, sc ..... (R. D.) Toronto, Ohio
Lemmon, Clarence William, sc ..... East Liverpool, Ohio
McCleery, John Maxfell, sc ..... New Concord, Ohio
McCreary, Homer Wilson, sc ..... College Corner, Ohio
McCulloch, Irene, sc ..... New Concord, Ohio
McCurdy, Mary Lillian, cl ..... (R. D.) Zanesville, Ohio
Martin, Louise McLochlin ..... Claysville, Pa.
Maxwell, Joseph Sprague, cl .....Chester, W. Va.
Miller, Elmer Joseph, cl ..... Bellefontaine, Ohio
Mitchell, Fred, cl ..... 221 Montgomery St., Dayton, Ohio
Moore, Nellie Brown, cl ..... New Concord, Ohio
Myers, Fred D., sc ..... Kelsey, Ohio
Nichol, Clarence William, cl .. 112 Hemlock St., Pittsburg, Pa.
Parkinson, Mary Lena, sc ..... St. Clairsville, Ohio
Patterson, Raymond McClane, sc ..... Mexico, Pa.
Paxton, Agnes Jane, cl ..... New Concord, Ohio
Paxton, Rachel Pearl, cl ..... New Concord, Ohio
Rees, David Llewellyn, cl ..... East Liverpool, Ohio
Russel, Earl Rodgers, cl ..... Redford, Mich.
Sutton, Blanche Josephine, sc ..... St. Clairsville, Ohio
Thompson, Roy McNary, sc ..... West Middletown, Pa.
Thompson, Agnes Lillian, sc ..... Jewett, Ohio
Thompson, Helen Louise, sc ..... Winterset, Iowa
Wallace, Hawthorne Collins, cl ..... Bellefontaine, Ohio
Welch, Mary Belle ..... Burgettstown, Pa.
White, Mary Gertrude, sc ..(R. D. 5) Rea, Pa.
Wilson, Margaret Moorhead, cl, 5443 Penn. Ave., Pittsburg, Pa.
Wilson, John Brownlee, cl .. 328 Walzell Ave., Ben Avon, Pa.
Wishart, William Liggett, cl 2333 Perrysville Ave., Pittsburg, Pa.
Wright, John Ralph, sc ..... College Corner, Ohio
Wylie, William Wallace, sc ..... Mt. Perry, Ohio

FRESHMAN CLASS.

Achauer, Herman Christian, sc ..... Zanesville, Ohio
Adams, Clare Isabella, cl ..... Mexico, Pa.
Allison, Laura, sc ..... Cumberland, Ohio
Alter, Milton Kerr, sc ..... Parnassus, Pa.
Anderson, William Clarence ..... Elderton, Pa.
Arlington, Charles William Jr., sc ..... New Concord, Ohio

Ashenhurst, Alice Angelan, sc ..... New Concord, Ohio
Baker, Roy, Emerson, cl ..... Frazeysburg, Ohio
Beggs, Sarah Louise Ranson, cl..Lloydminster, Alberta, Canada
Burkett, William George, cl ..... Midway, Pa.
Campbell, Mabel Vera, sc ..... (R. D.) Kenton, Ohio
Clark, Noble Virgil, sc ..... West Union, Ohio
Comin, Mary Katherine, sc ..... Hanover, Ind.
Cunningham, Effie Frances ..... Burgettstown, Pa.
Davis, Myrtle Edna, sc ..... New Concord, Ohio
Everett, Lewis Lee, sc ..... Lisbon, Ohio
Findley, Walter Glenn, cl. ..... Millersburg, Ohio
Fleming, Joseph Orville ..... (R. D.) Creek Side, Pa.
Frame, Byron Emmett ..... Senecaville, Ohio
Garrett, Charles Clifton, sc ..... Frazeysburg, Ohio
Giffen, Zilla Maude, cl ..... St. Clairsville, Ohio
Gregg, Isa Pearl, sc ..... Hiramsburg, Ohio
Hay, Wilmer Martin, cl ..... Saxonburg, Pa.
Hinkle, Samuel Francis, sc ..... Cameron, W. Va.
Hoffman, Emma Frances, cl ..... Senecaville, Ohio
Hunter, Erma Floyd, sc ..... Chandlersville, Ohio
Jimison, Mila B., sc ..... Pemberville, Ohio
Johnson, Ray Martin, cl ..... Xenia, Ohio
Kidd, Roy Elmer, cl ..... Emswort, Pa.
Kinemond, Lucy Dannan, sc ..... (R. D. 1) Hickory, Pa.
Krahn, Joseph Irwine, cl ..... Point Marion, Pa.
Lane, Nellie, sc ..... Cambridge, Ohio
Linsenmeyer, Jacob Ross, cl ..... New Concord, Ohio
McCreary, Anna Elinor, sc ..... College Corner, Ohio
McCrary, William Greer, cl .. 312 Everhard St., Johnstown, Pa.
McDill, Donald Samuel, sc ..... New Concord, Ohio
McGill, Joseph Braden, sc ..... Homer City, Ohio
McKelvey, Harry Lytle, sc ..... Fredericksburg, Ohio
McKenzie, Joseph Clark, cl ..... Burgettstown, Pa.
McNairy, Almeda Dane, sc ..... Canonsburg, Pa.
Merrilees, Nancy Jane, sc ..... Bellefontaine, Ohio
Miller, Lewis Earl, cl ..... Carrollton, Ohio
Moore, Mildred, sc ..... Zanesville, Ohio
Nichol, Carl Mitchell, sc ..... St. Clairsville, Ohio
Paxton, Harold Hayes, sc ..... Camden, Ohio
Petrich, Regina, Elisabeth, sc ..... Cool, Cal.
Ramsey, Mary Ellen, sc ..... Belle Center, Ohio
Ranson, Grace Agnes, sc ..... Charlotte, N. C.
Reed, Edna Claire, sc ..... Belle Center, Ohio
Shepherd, Charles Winfred, sc ..... New Concord, Ohio

Simpson, Edith Anna, cl ..... Hickory, Pa.
Slack, Jesse Atwell, sc ..... Adamsville, Ohio
Smith, Claude H., sc .....Roseville, Ohio
Smith, Jesse Edward, sc ..... Frazeysburg, Ohio
Strong, John Gordon, sc ..... Hopeston, Ill.
Sturgeon, James Porter, cl ..... Elderton, Pa.
Sutton, Clarence James, cl..... St. Clairsville, Ohio
Swain, Garton ..... Roseville, Ohio
Teener, James Woodruff, cl ..... Cumberland, Ohio
Thompson, Adele Vance ..... McAlevey's Fort, Pa.
Trumbull, Howard Christy, sc ..... Bellefontaine, Ohio
Vigor, William Parrott, sc ..... Plain City, Ohio
Wallace, Carrie Josephine, sc ..... New Concord, Ohio
Wendell, Chester Arthur ..... Quaker City, Ohio
Woodburn, Mattie Bernice, sc ..... Claysville, Pa.
Wright, Laura Bertha, sc ..... College Corner, Ohio

UNCLASSIFIED COLLEGE STUDENTS.

Beck, Ernest Ray ..... Mt. Perry, Ohio
Bernhard, J. I. ..... Barnesville, Ohio
Brown, George W. ..... Woodsfield, Ohio
Cleland, Martha Florence ..... New Concord, Ohio
Cooke, Kenneth Hamilton ..... Bellefoutaine, Ohio
Eagleston, John Oliver ..... Cambridge, Ohio
French, Edward ..... Cambridge, Ohio
Herrick, Lou ..... Quaker City, Ohio
McClure, John Milton ..... Quarryville, Pa.
McLean, Ellen Jamison .....East Liverpool, Ohio
Moon, Zelma Mildred ..... Belle Center, Ohio
Parrett, Charles H. ..... Thornville, Ohio
Pugh, Roy Monroe..... Ozark, Ohio
Shuman, William Lawrence ..... Quaker City, Ohio
Tilton, Charles Henry ..... Taylorstown, Ohio
Thomas, Everett Rutherford ..... Bridgeport, Ohio
Thompson, Bessie L ..... Chase City, Va.
Wilson, James Claude ..... New Concord, Ohio

Academy Department

Fourth Year.

Alley, Walter Boyd ..... New Concord, Ohio
Anderson, William Reed ..... 138 First St., Mansfield, Ohio
Armstrong, Blanche Lenora ..... West Alexander, Pa.
Bolton, John Dickson, ..4022 Northminister St., Pittsburg, Pa.
Byers, Justin Scott ..... Homer City, Pa.
Cleland, Kathleen Marguerite ..... New Concord, Ohio

Connor, Gladys Louise ..... New Concord, Ohio
Copeland, Raymond Spurgeon ..... Arnold, Pa.
Dietz, Henry Godfrey ..... 432 Carroll St., Kenton, Ohio
Dorrance, Lulu Amanda ..... Adena, Ohio
Golden, Marguerite Ethel ..... New Concord, Ohio
Hunt, Vesta Velma ..... Adena, Ohio
Keyser, Jesse Alexander ..... Flushing, Ohio
Kingan, Anna Rose .....
McCann, Laura Claire ..... Frazeysburg, Ohio
McCleary, Mina Coronell ..... Crawfordsville, Iowa
McConaha, William Albert ..... New Concord, Ohio
McConaha, Iva ..... New Concord, Ohio
MacKenzie, John Morrell ..... Burgettstown, Pa.
McFarland, James Edgar ..... New Concord, Ohio
Martin, Samuel Williamson .... Lyallpur Punjab, British India
Melone, Gerald Vivian Halsey ..... New Concord, Ohio
Montgomery, Don Alonzo ..... New Concord, Ohio
Morgan, Mabel Louetta ..... (R. D. 1) Cadiz, Ohio
Patterson, Hugh Cooper ..... Norwich, Ohio
Ranson, William Thorne ..... Charlotte, N. C.
Ritchie, Orland Melville ..... New Concord, Ohio
Ritchie, Carey Paton ..... New Concord, Ohio
Sembower, Ray Vincent ..... Connellsville, Pa.
Shepherd, James R. McNary ..... Norwich, Ohio
St. Clair, Lulu Edna ..... Antrim, Ohio
Stevens, Florence Marguerite ..... Freeport, Ohio
Thompson, Ella Rebecca ..... White Cottage Ohio
White, Joseph Cooke ..... Norwich, Ohio
Wolfe, Grace Camilla ..... (R. D. 5) Coshocton, Ohio

Third Year.

Abels, Thomas Duncan ..... (R. D. 3) Cambridge, Ohio
Adair, Charles Gilman ..... Cambridge, Ohio
Aikin, Frances Lois ..... New Concord, Ohio
Aikin, Edward Everett ..... New Concord, Ohio
Alexander, Mary Ruth ..... Assiut, Egypt
Allen, Emma Deane ..... Bergholz, Ohio
Armstrong, Mary Leila ..... New Concord, Ohio
Bay, Floyd Fleming ..... New Concord, Ohio
Caldwell, John Arthur ..... New Concord, Ohio
Caldwell, Joseph Gaylord ..... Norwich, Ohio
Cale, Lola Belle ..... New Concord, Ohio
Campbell, Bruce ..... New Concord, Ohio
Coleman, Jamison Olin ..... New Concord, Ohio
Duffey, Edward McKee ..... Peebles, Ohio

Dunipace, Elwin ..... (R. D. 1) Bowling Green, Ohio
Fiscus, Blanche Luella ..... Elderton, Pa.
Frush, Charles Wilbur ..... Pittsburg, Pa.
Galligher, Faris Brown ..... New Concord, Ohio
Gilkey, Walter Donald ..... New Concord, Ohio
Gillogly, Elton Edison ..... New Concord, Ohio
Graham, Vida Jane ..... New Concord, Ohio
Hall, Sallie Lucinda ..... Atwood, Pa.
Jamison, Uel Stitt .....New Concord, Ohio
Johnson, Gibson Reed ..... (R. D.) Cameron, W. Va.
Kennedy, Leland Samuel ..... Kimbolton, Ohio
Kerr, Harry Wilson ..... Fredericksburg, Ohio
Law Mary ..... Washington, Ohio
Ledman, Mary Lucile ..... New Concord, Ohio
Loughry, Marie Elizabeth ..... Blairsville, Pa.
Lowry, Mary Martha ..... Rea, Pa.
McCleery, Arch ..... New Concord, Ohio
McCleery, Fannie ..... New Concord, Ohio
McCormac, Mary Malana ..... New Concord, Ohio
McCulloch, Lilian .. .. New Concord, Ohio
Monzena, Homer Herald .....New Concord, Ohio
Paisley, Ethan Allen ..... New Concord, Ohio
Patterson, Aurice Moore ..... Norwich, Ohio
Proudfit, Kathleen McBride ..... (R. D. 3) Burgettstown, Pa.
Rabb, Nancy Kincaid ..... Tranquility, Ohia
Rankin, John Alexander ..... New Concord, Ohio
Stewart, Hattie ..... Cambridge, Ohio
Thompson, Anna Mary ..... West Middleton, Pa.
Thompson, Bertha Lynn Avella, Pa. ..... Avella, Pa.
Thompson, Alice Vance .....Avella, Pa.
Trace, Mathias Ross ..... New Concord, Ohio
Wheeler, Earl Thompson ..... (R. D. 5) Zanesville, Ohio
Wilson, William Watson ..... New Concord, Ohio

Second Year.

Alley, Margaret Lucy ..... New Concord, Ohio
Chandler, Elijah Napoleon ..... (R. D.) Greenville, Tenn.
Cunningham, Harry ..... Quaker City, Ohio
Davis, Walter Clark ..... Bolivar, Pa.
Derry, Hazel Edith ..... Sonora, Ohio
Dickey, Alva ..... Wellsville, Ohio
Henderson, Robert Paul ..... Norwich, Ohio
Hershberger, J. J. ..... Berlin, Ohio
Hinkle, Mary Lorraine ..... New Concord, Ohio

Huston, Thomas Matthew .....
Johnston, Elmer Leslie ..... New Concord, Ohio
Kohr, Roy ..... Zoar Station, Ohio
Laing, Charles Alfred ..... 40 Maple Ave., Ingram, Pa.
McCance, James Cameron ..... New Concord, Ohio
Montgomery, Geneva Kathleen ..... New Concord, Ohio
Mozena, Frank Hobart ..... New Concord, Ohio
Ostler, Frank Marion ..... New Concord, Ohio
Pugh, Roy Monroe ..... Ozark, Ohio
Purdy, Carrie Gray ..... New Concord, Ohio
Purdy, Arthur Louis ..... New Concord, Ohio
Riddle, Melvin Watt ..... Sarven, Pa.
St. Clair, Alverta Ione ..... Antrim, O.
Vessels, Margaret Elizabeth ..... New Concord, Ohio
Watson, Mabel Lucile ..... New Concord, Ohio
White, Harry Victor, ... Norwich, Ohio
Wilson, Hazel Ella ..... New Concord, Ohio

First Year.

Adams, Fay Amrine .....Short Creek, Ohio
Andrews, Vance Leeper ..... East Liverpool, Ohio
Armstrong, Charles Clyde ..... New Concord, Ohio
Ballenger, Roy Calvin ..... New Concord, Ohio
Bebout, Anna Elizabeth ..... Norwich, Ohio
Bianca, James Albert ..... Homer City, Pa.
Brown, Sara Mae ..... Avella, Pa.
Clark, Mary Nola ..... Kimbolton, Ohio
Comin, John Anderson ..... Hanover, Ind.
Cooper, Florence Ethel ..... Cumberland, Ohio
Davis, Ray McCreight ..... New Concord, Ohio
Derry, Walter Benson ..... Sonoraa, Ohio
Doughty, Edith May ..... New Concord, Ohio
Downard, Wilmer Allender ..... (R. D.) Freeport, Ohio
DuBois, James Felton ..... Bellaire, Ohio
Duff, Frank Newell ..... Cambridge, Ohio
Fackler, Osmon Kinsey ..... New Philadelphia, Ohio
Forsythe, William Clark ..... New Concord, Ohio
Forsythe, Leona Pearl ..... New Concord, Ohio
Frazier, Ruth ..... Winterset, Ohio
Gaston, Carlton Willis ..... East Liverpool, Ohio
Giffen, Dora Eunice ..... New Concord, Ohio
Giffen, John Willard ..... New Concord, Ohio
Gillogly, Georgia Elverda ..... New Concord, Ohio
Given, Waldo Ostler ..... New Concord, Ohio

Guthrie, Roena Deborah ..... New Concord, Ohio
Halsted, Don Wilbur ..... New Concord, Ohio
Hammond, Paul Francis ..... New Concord, Ohio
Hannum, John Westley ..... Freeport, Ohio
Hinkle, Carl Paul ..... New Concord, Ohio
Jamison, Della Mabel ..... New Conscord, Ohio
Johnston, Waldo Leroy ..... New Concord, Ohio
Johnston, Charles Edward ..... Antrim, Ohio
Kirke, Norma Hazel ..... New Concord, Ohio
Lorimer, Louis James Jr. ..... New Concord, Ohio
Lowery, Margaret Zelma ..... Freeport, Ohio
McBride, Paul Stewart ..... Crafton, Pa.
McBride, Felma Eudora .....New Concord, Ohio
McCormac, Edward Oliver .....New Concord, Ohio
McCormac, Samuel Dennis ..... New Concord, Ohio
McCoy, Mary Leila ..... New Concord, Ohio
McCulloch, Ray Marshall ..... New Concord, Ohio
McDill, Edna May ..... New Concord, Ohio
McDonald, Charles Dwight ..... New Concord, Ohio
McGee, Nellie Foreman ..... (R. D. 5) Caldwell, Ohio
Marshall, Mervin Chester ..... Salineville, Ohio
Moorehead, Charles Downie ..... New Concord, Ohio
Muse, Frank Ellsworth ..... Norwich, Ohio
Pollock, Henry Dwight ..... Chandlersville, Ohio
Pollock, Harold Leroy ..... New Concord, Ohio
Rankin, Mary Alice ..... New Concord, Ohio
Rankin, John Oliver ..... New Concord, Ohio
Ratliffe, John Reed ..... Cambridge, Ohio
Reasoner, Mabel ..... New Concord, Ohio
Rich, Cuma Annalien .....Senecaville, Ohio
Ringer, Clarence Frame ..... New Concord, Ohio
Robinson, William Brook ..... Quaker City, Ohio
Sawyer, Neil Olney ..... Claysville, Ohio
Schemp, Mabel ..... New Concord, Ohio
Sheldon, John Ashenhurst ..... New Concord, Ohio
Smock, John Leonard ..... New Concord, Ohio
Speer, Sara Margaret ..... New Concord, Ohio
St. Clair, Bessie Ione ..... New Concord, Ohio
Stamets, William Franklin ..... New Concord, Ohio
Stewart, Robert Floyd ..... New Concord, Ohio
Stewart, David, Boyce ..... New Concord, Ohio
Stockum, Ethel Elizabeth ..... Otsego, Ohio
Taylor, Ralph Bushnell ..... New Concord, Ohio
Vermillion, Fannie Olive ..... New Concord, Ohio

Watson, Helen Gertrude ..... New Concord, Ohio
White, Miriam ..... Norwich, Ohio
Wilson, Frank Patterson ..... (R. D.) Cambridge, Ohio

Summer School, 1911

Aikin, Frances ..... New Concord, Ohio
Allison, Laura ..... Cumberland, Ohio
Ault, Clara Viola ..... St. Clairsville, Ohio
Banker, Anna Elizabeth ..... Cambridge, Ohio
Bassett, Demcy Wilbert ..... Norwich, Ohio
Beck, Ernest Ray ..... Mt. Perry, Ohio
Bell, Hazel ..... Cambridge, Ohio
Bell, Lizzie ..... Cambridge, Ohio
Bernhard, D. I. ..... Barnesville, Ohio
Bowden, Bernice ..... Sonora, Ohio
Brooke, Lee D. ..... Newark, Ohio
Carter, Emmett ..... Cumberland, Ohio
Carter, A. L. ..... West Farmington, Ohio
Cleland, Martha Florence ..... New Concord, Ohio
Criswell, Ruth ..... Cambridge, Ohio
Cunningham, Harry Allen ..... Quaker City, Ohio
Davis, Josephine ..... Cambridge, Ohio
Davis, Lura ..... New Concord, Ohio
Daw, S. E. ..... South Zanesville, Ohio
Dickey, Alva ..... Mt. Pleasant, Ohio
Dickey, Harley ..... St. Clairsville, Ohio
Dickinson, Lena L. ..... Cumberland, Ohio
Donaldson, Gusta ..... Carbinhill, Ohio
Donaldson, H. C. ..... Carrollton, Ohio
Dudgeon, Mabel Gladys ..... Newark, Ohio
Duff, David Franklin ..... Cambridge, Ohio
Eagleson, J. O. ..... Quaker City, Ohio
English, John A. ..... Salesville, Ohio
Forsythe, Martha ..... Cambridge, Ohio
Forsythe, Porter ..... Cambrdige, Ohio
Fowler, Lena M. ..... Cambridge, Ohio
French, Edward ..... Cambridge, Ohio
Gibson, Lulu Blanche ..... Philo, Ohio
Giffin, Sadie Letetia ..... Hanover, Ohio
Green, Francis Devine ..... Uhrichsville, Ohio
Greenlee, Wm. J. ..... Steele, Ohio
Gregg, Isa Pearl ..... Hiramsburg, Ohio
Grimes, Loren E. ..... Cumberland, Ohio
Halstead, Cecil C. ..... East Liverpool, Ohio

Harkness, John Paul Jones ..... Adara, Pa.
Huffman, Wilma ..... Blue Rock, Ohio
Hunkler, Lillian Arma Dortha ..... New Concord, Ohio
Inglish, Bessie Pauline ..... Antrim, Ohio
Jarvis, Frank ..... Tippecanoe, Ohio
Jarvis, W. L. ..... Tippecanoe, Ohio
Johnston, Elmer L. ..... New Concord, Ohio
Johnson, Frank Forest ..... Freeport, Ohio
Laing, Samuel ..... Ingram, Pa.
Lane, Nellie ..... Cambirdge, Ohio
Law, Willard,.... ..... Cambridge, Ohio
Lewis, Carl ..... Zanesville, Ohio
Long, Janet ..... Cambridge, Ohio
Malloy, Marie ..... Cambridge, Ohio
McCann, Louella Jean ..... Frazeysburg, Ohio
McCartney, Shirley E. ..... Cambridge, Ohio
McClure, John M. ..... Quarryville, Pa.
McConnaughy, Margaret ..... New Concord, Ohio
McCreary, Grace Gordon ..... New Concord, Ohio
McCulloch, Irene ..... New Concord, Ohio
McDill, Donald Samuel ..... New Concord, Ohio
McGee, Mary ..... Lack, Pa.
Miller, Emma Mae ..... St. Clairsville, Ohio
Mix, Wanda ..... Wellsville, Ohio
Moore, Mildred ..... Zanesville, Ohio
Moore, Nelle Brown ..... New Concord, Ohio
Mumford, Bessie Loudema ..... South Zanesville, Ohio
Myers, Fred D. ..... Kelsey, Ohio
Noble, Gladys M. ..... New Conorcd, Ohio
Parkinson, Mary Lena ..... St. Clairsville, Ohio
Parrett, Chas. H. ..... Thornville, Ohio
Poulton, Charles Ernest ..... Temperanceville, Ohio
Pulley, Clarence I. ..... Salesville, Ohio
Richardson, Lucie ..... McConnelsville, Ohio
Ritchie, Mary Grace ..... New Concord, Ohio
Saviers, Clarence, B. ..... Winterset, Ohio
Shuman, William Lawrence ..... Quaker City, Ohio
Skinner, Mary ..... Barnesville, Ohio
Slack, Jesse Atwell ..... Adamsville, Ohio
Smith, Claude H. ..... Roseville, Ohio
Smith, J. E. ..... Frazeysburg, Ohio
St. Clair, Lulu Edna ..... Antrim, Ohio
Stewart, Carl K. .....Birds Run, Ohio
Stewart, Ella Margaret ..... New Concord, Ohio

Stewart, Robert Floyd ..... New Concord, Ohio
Suitt, Halton ..... Cambridge, Ohio
Swain, Garton ..... Roseville, Ohio
Swan, George F. ..... Birds Run, Ohio
Taggart, Margaret ..... Washington, Pa.
Taggart, Martha ..... Washington, Pa.
Talbott, J. S. ..... Beverly, Ohio
Taylor, Ernest ..... Barnesville, Ohio
Taylor, Samuel R. ..... East Liverpool, Ohio
Taylor, Walter Everette ..... New Concord, Ohio
Thomas, E. R. ..... Bridgeport, Ohio
Thompson, Adele Vance ..... McAlvey's Fort, Pa.
Trimble, Mary Lucile Collins ..... Cambridge, Ohio
Warden, Faye ..... New Concord, Ohio
Warden, Ralph ..... New Concord, Ohio
Warren, C. F. ..... Neff, Ohio
Watson, David Alden ..... Chandlersville, Ohio
Wendell, Chester Arthur ..... Quaker City, Ohio
Wilgush, Gussie ..... Medina, Ohio
Wilson, James C. ..... New Concord, Ohio
Wilson, Mary E. ..... Kimbolton, Ohio
Wilson, Ruth ..... New Concord, Ohio

Conservatory of Music

Seniors.

McNairy, Carrie Margaret, Voice ..... Thomas, Pa.
Purdy, Carrie Gray, Organ ..... New Concord, Ohio

The different branches pursued are indicated by the following abbrevations: Choral Society, C; Counterpoint, Cp; Harmony, H; History, Hi; Interpretation, I; Piano, P; Organ, O; Voice, V; Violin, Vi; Public School Music, Psm; Orchestra, Or; Mandolin, M.

Alley, Margaret, V. ..... New Concord, Ohio
Alley, Boyd, V ..... New Concord, Ohio
Adams, Faye, P. V. ..... Short Creek, Ohio
Allen, Deane, P. V. ..... Bergholz, Ohio
Alexander, Ruth, P. H. Hi. ..... Assuit, Egypt
Bain, Margaret, P. ..... Xenia, Ohio
Bane, Florence, P. ..... McConnellsville, Ohio
Brown, Lee, V. ..... Scio, Ohio
Bryant, E. R., V ..... New Concord, Ohio
Brindley, Mabel, V. ..... New Concord, Ohio
Brothers, Mabel, P. V. ..... Claysville, Ohio

Caldwell, Mrs. William V. ..... New Concord, O.
Clarke, Mary Nola, P. V. H. ..... Kimbolton, Ohio
Clarke, Grace V. ..... Columbus, Ohio
Comin, John, V. ..... Hanover, Ind.
Davis, Myrtle E., P. ..... New Concord, Ohio
Dennis, Hazel, V. ..... New Concord, Ohio
Gaston, Carlton, V. ..... East Liverpool, Ohio
Gilliland, A. R., V. ..... Malta, Ohio
Goebel, Erma, P. H. Hi. ..... Roseville, Ohio
Gordon, Marie, P. .....St. Clairsville, Ohio
Giffen, Maude, V. ..... St.Clairsville, Ohio
Golden, Marguerite, P. ..... New Concord, Ohio
Gray, Nellie, O. ..... New Concord, Ohio
Gillogly, Mary, V. ..... New Concord, Ohio
Graham, Vida, P. ..... New Concord, Ohio
Harper, Fred Lee, V. ..... Cumberland, Ohio
Hinkle, Mary, P. ..... New Concord, Ohio
Hunt, Vesta, P. ..... Adena, Ohio
Huston, Mary, P. ..... New Concord, Ohio
Immel, R. K., V. ..... New Concord, Ohio
Immel, Mrs. R. K., V. ..... New Concord, Ohio
Kennedy, Leland, V ..... Kimbolton, Ohio
Kinemond, Lucy, P. V. ..... Hickory, Pa.
Kirkpatrick, Stella, P. H. ..... Cherry Fork, Ohio
Kirtley, Elizabeth, P. H. ..... Boswell, Ind.
Krebs, Inez, P. V. ..... Bolivar, Pa.
Kyle, Frank T. V ..... New Concord, Ohio
Ledman, Mary, P ..... New Concord, Ohio
Loughry, Marie, P. ..... Blairsville, Pa.
Lowery, Margaret Z., P. ..... Freeport, Ohio
McBride, Paul, P. ..... Crafton, Pa.
McCleery, Fannie, P. V. Cp. Hi. ..... New Concord, Ohio
McCleery, Arch, V. ..... New Concord, Ohio
McCurdy, Lillian, V. ..... Zanesville, Ohio
McConaha, Mrs. Mary, V. ..... New Concord, Ohio
McCulloch, Irene, V. ..... New Concord, Ohio
McLean, Ellen, P. V. ..... East Liverpool, Ohio
Martin, William V. ..... New Concord, Ohio
Mitchell, Fred, V. ..... Dayton, Ohio
Montgomery, Geneva, P. ..... New Concord, Ohio
Montgomery, J. Knox, Jr., V. ..... New Concord, Ohio
Moon, Zelma, P. H. Hi. ..... Belle Center, Ohio
Mozena, Mabel Clara, P. ..... New Concord, Ohio
Noble, Gladys, P. ..... New Concord, Ohio

Purdy, Arthur, O. ..... New Concord, Ohio
Pyle, Mae, P. Cp. ..... New Concord, Ohio
Reasoner, Mabel, P. H. ..... New Concord, Ohio
Rees, David, V. ..... East Liverpool, Ohio
Ritchie, Grace, V. ..... New Concord, Ohio
Russel, Earl, V. ..... Redford, Mich.
St. Clair, Ione, P. ..... New Concord, Ohio
Smith, Mrs. Charles, V. ..... New Concord, Ohio
Stewart, Elizabeth, V. ..... New Concord, Ohio
Stewart, Hattie, V. ..... Cambridge, Ohio
Stevens, Florence, V. ..... Freeport, Ohio
Summers, Bessie, V. ..... Renfrew, Pa.
Thompson, Leta, V. ..... New Concord, Ohio
Thompson, Alice, V. P. ..... Avella, Pa.
Trumbull, Howard, V. ..... Bellefontaine, Ohio
Wallace, Pearl, P. H. ..... Winchester, Ohio
West, Ellis W., V. ..... New Concord, Ohio
Wishart, William L., P. ..... Pittsburg, Pa.
Wilson, Ruth, P. ..... New Concord, Ohio
Wylie, Pauline, P. H. ..... New Concord, Ohio
Wyatt, Knowles, V. ..... New Concord, Ohio

CHORAL SOCIETY.

Albert Edwin Hosmer, Director.
Mabel Martha Moore, Accompanist.

SOPRANOS.

Adams, Faye
Brown, Mae
Craig, Keren
Beggs, Sara
Clark, Mary Nola
Giffen, Maude
Giffen, Emma
Gillogly, Mary L.
Golden, Marguerite
Gordon, Marie
Graham, Vida
Gray, Eva
Kinemond, Lucy
Krebs, Inez
Ledman, Mary

ALTOS.

Aikin, Della
Caldwell, Mrs. William
Clark, Grace
Kirbatrick, Stella
Sharp, Mary
Stewart, Elizabeth
Immel, Mrs. R. K.
Wilson, Margaret

TENORS.

Bryant, E. R.
Findley, W. U.
Harper, Fred
Maxwell, Joseph
Russel, E. R.

SOPRANOS

McCleery, Fannie
McCurdy, Lillian
McNary, Carrie
Paxton, Pearl
Paxton, Agnes
Petrich, Elisabeth
Ritchie, Grace
Ranson, Grace
Simpson, Edith
St. Clair, Ione
Summers, Bessie
Smith, Mrs. Chas.
Thompson, Leta
White, Mary

BASSOS.

Alley, J. D.
Alter, M. K.
Boggs, J. M.
Gaston, Carlton
Gillespie, Paul
Hinkle, S. F.
Immel, R. K.
Rees, D. L.
Stewart, J. I.
Wishart, W. L.
Woodburn, W. S.
Wyatt, Knowles

ORCHESTRA.

FIRST VIOLIN.

Linsenmeyer, J. R.
Martin, J. G.

SECOND VIOLIN.

Montgomery, J. K., Jr.
Gillespie, Paul

TROMBONE.

Hurd, R. S.

FIRST CORNET.

Irwin, D. D. S. H. L.

CLARIONET.

Cooke, K. H.

DRUM.

Melone, Gerald

Cambridge Branch, Muskingum College Conservatory of Music

PIANO.

Addison, Lura ..... Cambridge, Ohio
Arnold, Mary ..... Cambridge, Ohio
Archer, Elsie ..... Cambridge, Ohio
Blackburn, Margaret ..... Cambridge, Ohio
Bell, Charles, ... Cambridge, Ohio
Bell, Francis ..... Cambridge, Ohio
Barker, Juliet ..... Cambridge, Ohio
Carpenter, Audrey ..... Cambridge, Ohio
De Golier, Eleanor ..... Cambridge, Ohio
De Golier, Elizabeth ..... Cambridge, Ohio
Diehl, Marjorie ..... Cambridge, Ohio
Dugan, Audrey ..... Cambridge, Ohio
Esely, Lucile ..... Cambridge, Ohio
Eynon, Maud ..... Cambridge, Ohio
Eynon, Elizabeth ..... Cambridge, Ohio

Findley, Helen .. .. Cambridge, Ohio
Fife, Audrey .. .. Cambridge, Ohio
Finley, Charles .. .. Cambridge, Ohio
Gregg, Lillian ..... Cambridge, Ohio
Greenwald, Violet .... Cambridge, Ohio
Gwilt, Rose .. .. Cambridge, Ohio
Gwilt, Robert .. .. Cambridge, Ohio
Harper, Julia .. .. Cambridge, Ohio
Heim, Mrs. A. L. ..... Cambridge, Ohio
Johnson, Ray .. .. Cambridge, Ohio
Johnson, Margaret, ... Cambridge, Ohio
Johnson, Martha .. .. Cambridge, Ohio
Joyce, Mainla .. ..Cambridge, Ohio
Kerr, Mary .. .. Cambridge, Ohio
Ledlie, Mary .. .. Cambridge, Ohio
Luyster, Delonia .. .. Cambridge, Ohio
Lewis, Maurine .. .. Cambridge, Ohio
Laverty, Mary .. .. Cambridge, Ohio
Leyshon, Alpha .. .. Cambridge, Ohio
Larrick, Cleo .. .. Cambridge, Ohio
Morris, Leanna ..... Cambridge, Ohio
Moss, Beryl ..... Cambridge, Ohio
Moore, Danis .. .. Cambridge, Ohio
McBride, Hazel .. .. Cambridge, Ohio
McFarland, Jeannette .. .. Cambridge, Ohio
McCartney, Henry .. .. Cambridge, Ohio
Nicholson, Elizabeth .. .. Cambridge, Ohio
Price, Helen .. .. Cambridge, Ohio
Peters, Fay .. .. Cambridge, Ohio
Rambar, Dorothy .. .. Cambridge, Ohio
Ritter, Mary .. .. Cambridge, Ohio
Sherrard, Isabella .. .. Cambridge, Ohio
Shry, Helen .. .. Cambridge, Ohio
Schild, Geneva ..... Cambridge, Ohio
Spaid, Marie .. .. Cambridge, Ohio
Scott, Gerlienda .. .. Cambridge, Ohio
Stevens, Earl .. .. Cambridge, Ohio
Trenner, Willard .. .. Cambridge, Ohio
Trenner, Virginia .. .. Cambridge, Ohio
Thompson, Esther .. .. Cambridge, Ohio
Thompson, Wendell .. .. Cambridge, Ohio
Worthington, Ray .. .. Cambridge, Ohio
White, Carrie .... Cambridge, Ohio

CAMBRIDGE BRANCH.

MUSICAL KINDERGARTEN CLASS.

Campbell, Mary Elizabeth ..... Cambridge, Ohio
Petrikin, Margaret .. .. Cambridge, Ohio
Ripley, Margaret .... Cambridge, Ohio
White, Mary Elizabeth .. .. Cambridge, Ohio
Wood, Mary .. .. Cambridge, Ohio
Hampton, Harriet ..... Cambridge, Ohio
Murphy, Lillian ..... Cambridge, Ohio
Purkey, Louise ..... Cambridge, Ohio
Forsythe, Willard .. .. Cambridge, Ohio
Johnston, William .. .. Cambridge, Ohio

Department of Oratory

Junior and Senior Electives.

Adams, Charles McCleary ..... McCleary, Wash.
Ashenhurst, Alice Angelan ..... New Concord, Ohio
Beggs, Sarah Louise Ranson ..... Lloyd Minister, Canada
Boggs, James Mahaffey ..... Valencia, Pa.
Caldwell, Margaret Lois ..... New Concord, Ohio
Coleman, Maurice Noble ..... New Concord, Ohio
Craig, Keren Newcombe ..... Indiana, Pa.
Cunningham, Albert Benjamin ..... Bird's Run, Ohio
Gillespie, Paul Smith ..... Cambridge, Ohio
Gray, Eva Elizabeth ..... Zanesville, Ohio
Harkness, John Paul Jones ..... Adara, Pa.
Harper, Fred Lee ..... Cumberland, Ohio
Hinkle, Lemuel Francis ..... New Concord, Ohio
Hunter, Merlin Harold ..... Chandlersville, Ohio
Loughry, Marie Elizabeth ..... Blairsville, Ohio
McCann, Louella Jean ..... Frazeysburg, Ohio
McClure, Robert Spencer ..... Quarrysville, Pa.
McNary, Cornelius Clark ..... Canonsburg, Pa.
Martin, Elizabeth Marian ..... Altoona, Pa.
Martin, Ralph Laughlin ..... New Concord, Ohio
Milliken, Effie Blanche ..... Claysville, Pa.
Murphy, Paul Raymond ..... Chandlersville, Ohio
Myers, Fred D. ..... Kelsey, Ohio
Nichol, Mary Alta ..... St. Clairsville, Ohio
Patton, Edith Carolyn .. .. Columbus, Ohio
Patton, Beryl Finnicum ..... Hopedale, Ohio
Ranson, Grace Agnes ..... Charlotte, N. C.
Rees, David Llewellyn ..... East Liverpool, Ohio

Smiley, Howard Brownlee ..... East McKeesport, Pa.
Strong, Martha ..... Hopeston, Ill.
Welch, Edward Willard ..... Burgettstown, Pa.
Wishart, William Liggitt ..... Pittsburg, Pa.
Woodburn, Wiley Shuman ..... Claysville, Pa.
Wyatt, Knowles ..... New Concord, Ohio

SENIORS IN ORATORY.

Caldwell, Lois Margaret ..... New Concord, Ohio
Gilliland, Adam Raymond ..... Reinersville, Ohio
Harkness, John Paul Jones ..... Ardara, Pa.
McClure, Robert Spencer ..... Quarryville, Pa.
McCoy, Daniel Crane ..... New Sheffield, Pa.

SOPHOMORE CLASS IN ORATORY.

Adams, Charles McCleary ..... McCleary, Wash.
Adams, Clara Isabella ..... Mexico, Pa.
Allison, Willard ..... Cumberland, Ohio
Alter, Milton Kerr ..... Parnassus, Pa.
Anderson, Willard Reed ..... Mansfield, Ohio
Arlington, Charles William .....New Concord, Ohio
Bain, Margaret Wilson.. ..... Xenia, Ohio
Baker, Roy Emerson ..... Frazeysburg, Ohio
Beggs, Sara Louise Ranson ..... Lloyd Minster, Canada
Blackburn, Clare Belle ..... Cumberland, Ohio
Boggs, James Mahaffey ..... Valencia, Pa.
Brown, Lee Robert ..... Scio, Ohio
Burkett, William George ..... Midway, Pa.
Caldwell, Laura Ethel ..... New Concord, Ohio
Caldwell, Margaret Lois ..... New Concord, Ohio
Campbell, Mabel Vera ..... Kenton, Ohio
Clark, Noble Virgil ..... West Union, Ohio
Coleman, Maurice Noble .....New Concord, Ohio
Copeland, Lloyd Dewitt ..... Tarentum, Pa.
Copeland, Samuel Bruce ..... Arnold, Pa.
Donaldson, Harper Collins ..... Carrolton, Ohio
Everett, Lewis Lee ....Lisbon, Ohio
Findley, Walter Glenn ..... Millersburg, Ohio
Findley, Winfred Vernon ..... Glenford, Ohio
Fink, Cornelius Winfred ..... Zanesville, Ohio
Forsythe, Glenna Maude ..... New Concord, Ohio
Fulton, Laura Alice ..... St. Clairsville, Ohio
Gibbens, Chester Arnold ..... Sonora, Ohio
Giffin, Mary Emma ..... St. Clairsville, Ohio

Gordon, Marie Estelle ..... St. Clairsville, Ohio
Gray, Eva Elizabeth .. .. Zanesville, Ohio
Hay, Wilmer Martin ..... Saxonburg, Pa.
Jimison, Milo B..... Pemberville, Ohio
Johnson, Ray Martin.. ..... Xenia, Ohio
Keyser, Jesse Alexander ..... Flushing, Ohio
Kingan, James Bell ..... Toronto, Ohio
Kingan, Anna Rose ..... Toronto, Ohio
Kinemond, Lucy Donnan ..... Hickory, Pa.
Krebs, Inez Meredith ..... Bolivar, Pa.
Krohn, Joseph Irvine ..... Point Marion, Pa.
Linsenmayer, Jacob Ross ..... New Concord, Ohio
McCleery, John Maxwell ..... New Concord, Ohio
McClure, Robert Spencer, ... Quarrysville, Pa.
McCreary, Homer Wilson ..... College Corner, Ohio
McCrory, William Greer ..... Jamestown, Pa.
McCurdy, Mary Lillian .....Zanesville, Ohio
McDill, Donald Samuel ..... New Concord, Ohio
McGill, Joseph Braden ..... Homer City, Pa.
McKenzie, Joseph Clark ..... Burgettstown, Pa.
McNairy, Almeda Dane ..... Cannonsburg, Pa.
MacKay, Collum N. M. ..... Edinburg, Scotland
Miller, Elmer Joseph ..... Bellefontaine, Ohio
Miller, Lewis Earl ..... Carrollton, O.
Milliken, Catherine Ida ..... Claysville, Pa.
Mitchel, Fred ..... Dayton, Ohio
Myers, Fred D. ..... Kelsey, Ohio
Nichol, Clarence Williams ..... Pittsburg, Pa.
Patterson, Raymond McClane ..... Mexico, Pa.
Paxton, Agnes Jane ..... New Concord, Ohio
Paxton, Rachel Pearl ..... New Concord, Ohio
Reed, Edna Claire ..... Belle Center, Ohio
Rees, David Llewellyn ..... East Liverpool, Ohio
Russel, Earl Rogers ..... Redford, Mich.
Smiley, Howard Brownlee ..... East McKeesport, Pa.
Stevens, Florence Marguerite ..... Freeport, Ohio
Strong, John Gordon ..... Hopeston, Ill.
Sturgeon, James Porter ..... Elderton, Pa.
Sutton, Clarence James ..... St. Claireville, Ohio
Teener, James Woodruff ..... Cumberland, Ohio
Thompson, Agnes Lillian ..... Jewett, Ohio
Thompson, Helen Louise ..... Winterset, Iowa
Thompson, Raymond, Lee ..... Jewett, Ohio
Thompson, Roy McNary ..... West Middleton, Pa.

Wallace, Hawthorne Collins ..... Bellefontaine, Ohio
Whetstone, Jane Rea ..... New Berlin, Ohio
White, Mary Gertrude ..... Rea, Pa.
Wilson, Margaret Moorehead ..... Pittsburg, Pa.
Wilson, John Brownlee ..... Ben Avon, Pa.
Wishart, William Liggett ..... Pittsburg, Pa.

ELOCUTION—PLAYS, ORATORICAL CONTESTS, DEBATES, PRIVATE.

Adams, Charles McCleary ..... McCleary, Wash.
Aiken, Mary Della ..... New Concord, Ohio
Armstrong, Blanche Lenora ..... West Alexander, Pa.
Ashenhurst, Edna Hope ..... New Concord, Ohio
Beggs, Sara Louise Ranson ..... Lloyd Minster, Canada
Boggs, James Mahaffey ..... Valencia, Pa.
Caldwell, Margaret Lois ..... New Concord, Ohio
Caldwell, William ..... New Concord, Ohio
Campbell, Mabel Vera ..... Kenton, Ohio
Coleman, Maurice Noble.....New Concord, Ohio
Cunningham, Albert Benjamin ..... Bird's Run, Ohio
Doughty, Edith May ..... New Concord, Ohio
Gilliland, Adam Raymond ..... Reinersville, Ohio
Gillogly, Elton Edison ..... New Concord, Ohio
Harkness, John Paul Jones ..... Ardara, Pa.
Harper, Fred Lee ..... Cumberland, Ohio
Hinkle, Samuel Francis ..... New Concord, Ohio
Hosmer, Albert Edwin ..... Boston, Mass.
Hunter, Merlin Harold ..... Chandlersville, Ohio
Jimison, Milo B. ..... Pemberville, Ohio
Johnson, Gibson Ried ..... Cameron, W. Va.
Kennedy, Leland Samuel ..... Kimbolton, Ohio
Kinemond, Lucy Donnan ..... Hickory, Pa.
Kirtley, Elizabeth Mary ..... Boswell, Ind.
Krebs, Inez Meredith ..... Bolivar, Pa.
Loughry, Marie Elizabeth ..... Blairsville, Pa.
Lowry, John Glenn .....New Concord, Ohio
McCann, Louella I. ..... Fraziesburg, Ohio
McClure, Robert Spencer ..... Quarryville, Pa.
McConagha, Mary Carothers ..... New Concord, Ohio
McConaha, William Albert ..... New Concord, Ohio
McCreary, Ruth ..... Camden, Ohio
McCurdy, Mary Lillian ..... Zanesville, Ohio
McNairy Cornelius Clark ..... Cannonsburg, Pa.
Martin, Elizabeth Marian ..... Altoona, Pa.

Martin, Ralph Laughlin ..... New Concord, Ohio
Martin, Samuel Williamson ..... New Concord, Ohio
Melone, Gerald Vivian ..... New Concord, Ohio
Milliken, Effie Blanche ..... Claysville, Pa.
Murphy, Paul Raymond ..... Chandlersville, Ohio
Myers, Fred D. ..... Kelsey, Ohio
Patton, Edith Carolyn ..... Columbus, Ohio
Petrich, Regina Elizabeth ..... Cool, California
Rich, Cuma Annalieu ..... Senecaville, Ohio
Ritchie, Grace, Mary ..... New Concord, Ohio
Smiley, Howard Brownlee ..... East McKeesport, Pa.
Summers, Bessie Mary ..... Renfrew, Pa.
Thompson, Helen Louise ..... Winterset, Iowa
Vermillion, Fannie Olive ..... New Concord, Ohio
Wallace, Hawthorne Collins ..... Bellefontaine, Ohio
Wilson, Margaret Moorehead ..... Pittsburg, Pa.
Whetstone, Jane Rea ..... New Berlin, Ohio
White, Mary Gertrude ..... Rea, Pa.

School of Art

CHINA PAINTING.

Acheson, Julia ..... Cambridge, Ohio
Alley, Margaret ..... New Concord, Ohio
Dickinson, Jennie ..... New Concord, Ohio
Loughry, Marie ..... Blairsville, Pa.
Maholm, Mrs. Maud T. ..... New Concord, Ohio
McCormick, Mrs. Bertha ..... New Concord, Ohio
McNairy, Carrie ..... Thomas, Pa.
Moon, Zelma ..... Belle Center, Ohio
Parks, Mrs. Lou Evans ..... New Concord, Ohio
St. Clair, Lulu ..... Antrim, Ohio
Vermillion, Fannie ..... New Concord, Ohio

WATER COLOR.

Brown, Mae ..... Avella, Pa.
McCurdy, Lillian ..... (R. D.) Zanesville, Ohio
McNary, Carrie ..... Thomas, Pa.
Thompson, Bertha ..... Avella, Pa.
Ramsey, Mary ..... Belle Center, Ohio

PUBLIC SCHOOL DRAWING.

Rich, Cuma ..... Senecaville, Ohio

Summary of Enrollment

COLLEGE.

For the Year 1911-1912

Graduate Students	3
Senior Class	28
Junior Class	31
Sophomore Class	54
Freshman Class	66
Unclassified College Students	18
Total in College Department	200

ACADEMY.

Senior Class	35
Junior Class	47
Second Year	26
First Year	72
Total in Academy	180

Enrollment in Summer School	125
Total in Literary Department	505

CONSERVATORY.

Senior Class	2
Total in all Departments	208

EXPRESSION.

Senior Class	5
Total in all Departments	166

ART.

In all Departments	16
Total	902
Deduct for repetitions	341
	561

Summary by States

	1910-1911	1911-1912
Alabama	2	
Canada		1
California		1
District of Columbia	1	
Egypt	2	1
Illinois	1	2
India	3	3
Indiana	2	4
Idaho	1	
Iowa	2	2
Kansas	3	1
Massachusetts		1
Michigan	1	1
Missouri	2	
Nebraska	1	
North Carolina		2
Ohio	535	459
Oregon	1	
Pennsylvania	50	79
Scotland		1
Tennessee	1	1
Washington		1
West Virginia	2	1

MUSKINGUM COLLEGE PRESIDENTS.

Rev. B. Waddle, D. D. 1837-1838
Rev. S. Wilson 1838-1846
Rev. D. A. Wallace, D. D. LL. D. 1846-1848
Rev. John Milligan 1848-1849
Rev. S. G. Irvine, D. D. 1849-1851
Rev. S. McArthur 1851-1855
Rev. B. Waddle, D. D. 1855-1858
Rev. J. P. Lytle, D. D. (pro tem) 1859-1861
Rev. H. P. McClurkin, D. D. (pro tem) 1859-1861
Rev. L. B. W. Shryock 1861-1864
Rev. D. Paul, D. D. 1865-1879
Rev. F. M. Spencer, D. D. 1879-1886
Rev. J. D. Irons, D. D., LL. D. 1887-1892
Rev. D. K. McKnight, D. D. (pro tem) 1892-1893
Rev. Jesse Johnson, D. D. 1893-1902
Chester J. Marshall, A. M. (pro tem) 1902-1903
Leonard J. Graham, A. M. (pro tem) 1903-1904
Rev. J. Knox Montgomery, D. D. 1905-

ALUMNI ASSOCIATION.

OFFICERS.

President ..... Rev. O. H. Milligan, '05
Vice President ..... Rev. S. E. Martin, D. D., '87
Corresponding Secretary ..... Proffessor J. G. Lowery, '07
Treasurer ..... Miss Nellie Harris, '76

EXECUTIVE COMMITTEE.

Professor C. J. Marshall, '95,
Proffessor J. G. Lowery, '07,
Miss Rose McKinney, '96.

COMMITTEE ON ALUMNI ENDOWMENT FUND.

Howard McDonald, '01,
Rev. J. M. Moore, '76,
Rev. W. L. Garges, '76,
Rev. C. W. Fulton, '00,
Geo. C. Speer, '96.

Honorary Degrees Conferred

1883

Rev. James White, D. D.

1884

Rev. Samuel Martin, D. D.
Rev. David McAllister, D. D.
Rev. C. S. Marshall, D. D.
Rev. Wm. Johnson, D. D.
Rev. W. W. Ralston, D. D.

1885

Rev. Hugh Hervey, D. D.

1886

Rev. James Harper, LL. D.
Rev. F. M. Spencer, D. D.

1887

Rev. W. W. Gibson, D. D.
Prof. C. F. Palmer, A. M.
Judge G. L. Phillips, LL. D.
Prof. Jas. Hammond, A. M.

1888

Rev. D. A. McClenahan, D. D.
Prof. Thos. M. Sewell, Ph. D.

1889

Rev. C. L. Work, D. D.
Rev. A. H. Harshaw, D. D.
Rev. E. S. McKitrick, D. D.
Rev. J. S. Speer, D. D.
Rev. W. R. Scott, Ph. D.

1890

Rev. R. G. Wallace, D. D.
Rev. M. J. Smalley, A. M.
Dr. John E. Minney, A. M.

1891

Rev. W. O. Thompson, D. D.
Rev. J. P. Cowan, D. D.
Rev. J. H. Veazy, A. M.

1892

Rev. D. F. McGill, D. D.

1850

Rev. Samuel Irving, D. D.
Rev. Samuel Findlay, D. D.
Rev. William Wylie, D. D.

1859

R. Stillwell, LL. D.
Gen. C. B. Goddard, LL. D.

1871

Rev. Robert Herron, D. D.
Rev. John Comin, D. D.
Rev. D. Paul, D. D.
Rev. T. P. Stevenson, D. D.

1872

Rev. B. Waddle, D. D.
Prof. O. H. Roberts, A. M.

1873

Gen. M. D. Leggert, LL. D.

1874

Rev. D W. Fisher, D. D.
Rev. H. B. Fry, D. D.
Rev. S. M. Hickman, D. D.

1876

Prof. A. C. Rideout, LL. D.
J. K. Watson, A. B.

1878

Rev. Samuel Collins, D. D.

1879

Rev. H. P. McClurkin, D. D.
Rev. D. H. French, D. D.
Rev. S. T. Boyd, Ph. D.

1880

Rev. J. B. Scouler, D. D.
Rev. Thomas Balph, D. D.

1882

Samuel T. Wallace, A. M.
Rev. Wm. G. Waddle, D. D.

1893

Rev. T. B. Turnbull, D. D.
Rev. Jos. A. Collins, D. D.
Prof. W W. White, D. D.
Rev. James C. Wilson, D. D.
Supt. J. A. Shawan, Ph. D.
Prof. E. E. Smock, M. S.
Dr. David B. Best, M. S.

1895

Rev. R. H. Hume, D. D.
Prof. L. D. Bonebraker, Ph. D.
Rev. W. S. Harper, D. D.

1896

Rev. R. C. Wylie, D. D.

1897

Prof. J. C. McClelland, D. D.

1898

Rev. T. P. Robb, D. D.

1899

Prof. John D. Irons, LL. D.

1900

Rev. Frank Grandstaff, D. D.

1901

Rev. H. Y. Leeper, D. D.
Rev. Arney S. Biddle, D. D.
Rev. I. N. White, D. D.
Rev. W. S. Kreger, A. M.

1902

Rev. J. M. Atchinson, D. D.
Rev. W. H. McMillan, LL. D.

1904

Prof. Thom. A. Smith, LL. D.
Rev. Wm. Hesse, D. D.

1906

Rev. Purley A. Zartman, D. D.
Rev. T. P. Stevenson, LL. D.

1907

Rev. W. W. Lawrence, D. D.
Rev. R. A. Hutchinson, D. D.
Rev. W. H. French, LL. D.

1908

Rev. E. M. Milligan, D. D.
Rev. Melvin Grove Kyle, LL. D.
Miss Susan E. Crumbaker,M.Lit
Miss Elizabeth Waddell, M. S.

1909

Rev. P. B. Fitzwater, D. D.
Rev. J. W. Ashwood, D. D.
Rev. Howard S. Wilson, D. D.
Rev. James Boyce, D. D.
Rev. D. A. McClenahan, LL. D.
Judge A. A. Frazier, LL. D.
Rev. R. C. Wylie, LL. D.

1910

Rev. John Howard Martin, D.D.
Rev. James Revenaugh, D. D.

1911

Rev. J. Krudenier, D. D.
Rev. A. S. Rogers, D. D.
Rev. Henry Beets, LL. D.

Bequests

FOR PERSONAL PROPERTY.

I do give and bequeath to the Board of Trustees of Muskingum College the sum of ..... Dollars, (or ..... shares of stock in the ..... or bonds, as the case may be, setting forth particularly what it is that is bequeathed).

FOR REAL ESTATE.

I do give, devise and bequeath to the Board of Trustees of Muskingum College and its successors, forever, all that lot or piece of land (describing the property with care.)

Special care should be taken that bequests be made according to the laws of the state governing them.

ANNUITIES.

Some are not in position to make donations outright to the College. For such the College makes provisions whereby they may deed their property to the College and receive an annuity from the College during the remainder of their lives. In this way the donors are relieved of all care of the property and are assured an income as long as they live, and are further assured that their money will continue to bless succeeding generations after they are gone.

INDEX

Absence 18
Academy School 72-76
Admission 29-32
Alumni Association 122
Amount of Work 33
Athletics 65
Athletic Field 15
Bequests 124
Black and Magnetta 23
Board of Trustees 5
Board of Trustees Officers 6
Bureau of Self-Help 24
Calendar—General 2
Calendar—College 3
Calendar—Commencement 4
Classification 33-34
Christian Associations 21
Commencement Honors 97
Conservatory of Music 77-83
Contest Prizes 22
Credits, Table of 30
Courses of Study 35-43
Course, Teachers 42
Course, Academy 72-76
Credit Unit 33
Degrees, Honorary 123
Department, Statement of 44
Department, Astronomy 50-51
Department, Biblical Science 44
Department, Biology 56-57
Department, Chemistry 57-60
Department, Corres. Study 66-71
Department, Education 49
Department, Elocution 60
Department, English 49-50
Department, Engineering 61
Department, French 52-53
Department, Geology 57
Department, German 53-54
Department, Greek 51-52
Department, History 46
Department, Latin 45-46
Department, Logic 50
Department, Mathematics 50
Department, Oratory 60-61
Department, Philosophy 47-48
Department, Physics 54-55
Department, Physical Education 63-65
Department, Polit. Philos. 45
Department, Teachers 42
Electives 39
Eng. Entrance Requirements 31
Examination 18
Expenses 26-28
Faculty 8-9
Faculty, Committees 7
Faculty, Officers 7
General Information 17-25
Government 20
Gymnasium 15
Historical Statement 12
Honor System 19
Honors in Scholarship 19
Lectures, Sermons, Etc. 10-11
Lecture Course 25
Library 23
Literary Societies 20
Master Degree 32
Material Equiptment 14-16
Muscoljuan 23
Museum 25
Muskingum League 25
Oratorical Association 21
Presidents of Muskingum 122
Registration 18
Religious Societies 21
School of Expression 84-86
School of Art 87
Scholarships 24
Scholarships, Rotary 24
Students, Register of 98-119
Students, Summary of 120
Summary by States 121
Summer School 88-96
Teachers Review 76

3 0112 105865940